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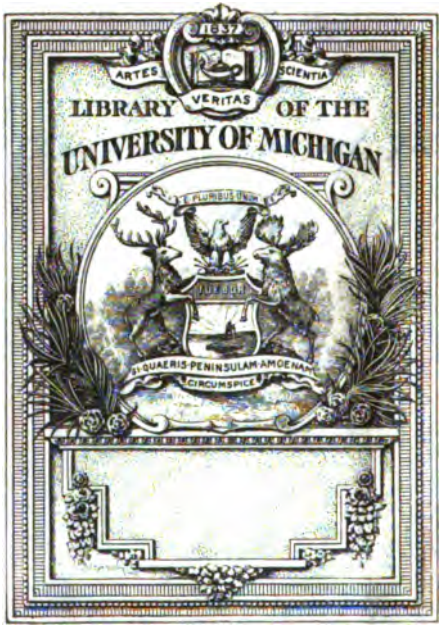

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THIRTEENTH ANNUAL REPORT

OF THE

BUREAU OF LABOR STATISTICS

OF THE

STATE OF MISSOURI

BEING FOR THE

YEAR ENDING NOVEMBER 5, 1891.

JEFFERSON CITY, MO.:
TRIBUNE PRINTING COMPANY, STATE PRINTERS AND BINDERS.
1891.

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ERRATA.

Nos. 13 to 22 inclusive, pages 405 and 406, should be "Awning factories."

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LETTER OF TRANSMITTAL.

STATE OF MISSOURI, BUREAU OF LABOR STATISTICS AND INSPECTION,
CITY OF JEFFERSON, November 5, 1891.

To his Excellency DAVID R. FRANCIS,

Governor of Missouri, Jefferson City, Mo.:

DEAR SIR—I have the honor to submit herewith the 13th Annual Report of this Department, for the year ending November 5, 1891.

Very respectfully,

WILLARD C. HALL,

Commissioner.

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INTRODUCTORY.

The act creating the Bureau of Labor Statistics and Inspection, passed in 1883, authorizes the Labor Commissioner to collect, assort, systematize and present in annual report to the Governor, to be by him transmitted biennially to the General Assembly, statistical details and information relating to all departments of labor in the State, especially in its relations to the commercial, industrial, social, educational and sanitary condition of the laboring classes, and to the permanent prosperity of the productive industries of the State, and also the inspection of mines, factories, etc.

The ground covered by this act is so broad that it would be difficult for the Labor Commissioner to take up an investigation that would be outside of his line of duty. An investigation showing the agricultural and mineral resources or the manufacturing interests of the State is just as much his duty as to show the wages of working people or inspect the factories of the State.

The Thirteenth annual report of this Department contains two volumes. The following investigations are taken up and discussed in Vol. 1: Bi-weekly Payment Law. Non-transferable Checks. Strikes and Boycotts. Labor Agents. Missouri's Surplus. Manufacturers' Returns. Factory Inspection. Working Women. Actual Wages of Employes. Earnings and Expenses of Workingmen Compared. Family Budgets. Penitentiary Contractors.

Vol. II relates to Mines and Mining.

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THE BI-WEEKLY PAYMENT LAW.

The Thirty-sixth General Assembly passed what is known as the Bi-weekly Payment law. This law went into effect June 22, 1891, and was an amendment to section 7059 of the old Mining law.

On the 30th of June, your Commissioner received the following letter:

STATE OF MISSOURI, EXECUTIVE DEPARTMENT,
CITY OF JEFFERSON, June 30, 1891.

Hon. W. C. HALL, Labor Commissioner:

DEAR SIR—I desire to call your attention to the bi-weekly payment bill passed at the last session of the Legislature, and which went into effect on the 22d inst. It requires mine operators to pay their employes at least once in two weeks, and does not authorize the withholding of any portion of the wages due them. It differs from the old law in that the latter only required payment once per month, and permitted the retention of four days' wages on any regular pay-day. I suggest that you send to the mine operators of this State copies of the new law, and advise them that it is the intention of the authorities to see that the spirit and letter of the law is observed and enforced in every respect.

Respectfully,

DAVID R. FRANCIS, Governor.

Acting upon these instructions, I issued the following circular letter and sent a copy to each of the 804 mine operators of Missouri:

BUREAU OF LABOR STATISTICS AND INSPECTION,
JEFFERSON CITY, June 30, 1891.

To the Mine Operators of Missouri:

I desire to call your attention to an amendment of section 7059 of the Mining law of Missouri, in relation to payment of employes. The section as amended reads as follows:

SEC. 7059 The employes of operators of mines, mentioned in this article, shall be regularly paid, at least once in every fifteen days, and at no pay-day shall there be withheld [any] of the earnings of any employe. And such operators shall, whenever demand therefor shall be made by any employe, issue to such employe a due-bill for the amount due him up to the day of the demand, which due-bill shall be negotiable, whatever the form thereof shall be, and shall be redeemed by such operator in cash or its equivalent, at the option of the holder, on demand, if the same shall be presented for redemption by any holder thereof; and any such operator failing or refusing to pay his employes, or to issue to them his due-bills, as in this section provided, shall become immediately liable to any such employe in double the sum due such employe at the time of such failure or refusal, to be recovered by civil action, in the name of such employe, in any court of competent jurisdiction of the State. And no employe, within the meaning of this article, shall be deemed to have waived any right accruing to him under this section by any contract he may make contrary to the provisions hereof.

The mine operators of Missouri will be expected to comply with this law in every respect.

WILLARD C. HALL,
Commissioner.

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In the great lead and zinc mining region of Southwest Missouri, the rule has always been to pay weekly in cash. The Mine LaMotte lead mines in Madison county paid bi-weekly before the late law took effect, but retained several days' wages on each pay-day. As soon as they were informed of the change in the law, they at once adopted its provisions and now pay bi-weekly and withhold nothing. They said to a representative of the Bureau "that while they thought the law harsh and would much prefer paying within three days of pay-day, that they were law-abiding and acquiesced at once." They found that the law caused them some trouble and labor, but they did not find it necessary to employ any additional clerical force. The St. Joseph lead mines are the largest in the United States, and with a single exception, the largest in the world, employing 800 men. They are complying with the law without additional help or expense by dividing their employes into three classes, paying each class on a different day. This fully disposes of the objection made by many operators, that it is impracticable if not impossible.

Your Commissioner has given this subject anxious thought, solicitous for the welfare of the wage-earner, at the same time not unmindful of the interest of the employers—believing that any law passed and enforced to the detriment of employers must eventually react on the employes. But I am unable to divest my mind of the strong conviction that the man who works at manual labor for wages that scarcely more than command the primary necessities of life, should have the right to demand and receive the value of his toil in lawful money of the United States, at least bi-weekly. The next objection of importance that has been advanced is, that if employes are paid frequently, weekly or bi-weekly, they will visit the dramshops, and not only spend their money, but by dissipation disqualify themselves for work for several days after pay-day. It is a lamentable fact that wage-earners, as a whole, though there are a few exceptions, spend more of their earnings for drink than a proper idea of economy would inculcate. The proportionately larger number of dramshops in Festus, a town where a large number of workingmen live, and Mexico, a town supported mostly by agricultural interests, indicates that the farmers do not spend as much for drink as the men in the glass-works at Crystal City. A comparison between Bevier, a coal-mining town, and any town of even more inhabitants patronized mostly by farmers, would show equally favorable to the agricultural class. The question is, have employers any right to arrogate paternal control over their employes? They might after a while conclude that they could buy their groceries and clothing to a better advantage. The argument would be absurd if

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it were not apparent that this solicitude often proceeds from a pecuniary rather than a moral interest. Many companies have stores; their employes have necessities; they are not prudent in getting and saving money; by fixing pay-day at long intervals and withholding a week or more wages at each pay-day, the employe takes his wages largely, if not altogether, in goods bought at the only place he can obtain them without the cash, viz.: the company's store.

Bi-weekly payment, with not more than three days' pay withheld at each pay-day, is but a just demand by the working people. With the money to buy where they please, the objection to the company store would cease; then if the company kept a store, it would have to offer inducements and compete for trade. A large saw-mill owner told an agent of the Bureau that he paid his men in cash weekly, because they would work for him cheaper than they would for those who deferred payment for a month or more and kept a store; besides, the men were cheerful and accomplished more work. Nearly all the mine operators of the State have shown a disposition to comply with the new law, at least in part. It is true that several of the large coal operators withhold five to twenty days' wages on pay-day, but they pay their employes every two weeks. This partial compliance is better than no compliance at all. The Keith and Perry Coal company of Rich Hill, Bates county, Charles Morgan of Barton county and John Breckenridge of Randolph county have shown no disposition to comply with the bi-weekly payment law in whole or in part, and your Commissioner is of the opinion that these gentlemen will continue to violate the present law until it is so amended as to make it operative. With the present law, damages can be recovered only by civil action, and a mine employe is not very likely to pay a lawyer's fee and bring suit against his employer when he knows his discharge would follow immediately after. If the law were changed making it a misdemeanor for non-compliance, I think it would be effective. In this way information could be filed with the prosecuting attorney of the county in which the offense was committed, and the informant's name need not appear at all. The mine operators whose names are mentioned, in a conversation with your Commissioner say that "it is a physical impossibility to comply with the new law;" but at the same time they do not explain how it is that mine operators who employ as many or more employes than they do are complying with the law.

NON-TRANSFERABLE CHECKS.

Several of the mine operators of the State, who have company stores in connection with their mines, have been issuing to their

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employes in payment for wages, non-transferable checks or due bills on the company stores. This is a violation of section 7058 of the Revised Statutes of Missouri, which says: "All such checks or due-bills shall be negotiable," and of course a "non-transferable check" cannot be negotiable. The operators who have been issuing these illegal checks or due-bills are the Kansas & Texas Coal company, Loomis & Snively and the Watson Brothers, all of Bevier, Macon county.

Information was filed by your Commissioner with the prosecuting attorney of Macon county against these three parties, and the cases were set for trial in the Macon circuit court for September 30th. In the mean time the following letter was received from the Kansas & Texas Coal company:

OFFICE KANSAS AND TEXAS COAL CO.,
ST. LOUIS, July 24, 1891.

WILLARD C. HALL, *Commissioner:*

DEAR SIR—Replying to your favor of the 20th inst., relative to non-transferable merchandise books used by this company, and to our recent conversation upon this subject, I beg to advise you that our attention had not been before called to the fact that they were in violation of section 7058 of the Revised Statutes of Missouri. It is the desire and intention of the management of this company, at all times, to comply with existing laws, and we have, therefore, taken immediate steps to discontinue entirely the use of the checks above mentioned.

Owing to the large number now in circulation, it will be impossible for the company to properly protect the men from loss in their redemption, as well as prevent a complication of our accounts, to place an earlier date for their discontinuance than September 1. This will allow us a little more than a month in which to redeem all outstanding checks. I trust this arrangement will meet with your approval.

Yours truly,
W. P. HEATH, Sec'y and Treas.

It is the desire of the Bureau to have the law complied with, and not to persecute any one, and as the Kansas and Texas Coal company have discontinued the use of the checks, your Commissioner requested the prosecuting attorney of Macon county to dismiss proceedings against them, which was done. The other operators above mentioned were found guilty and fined $10 and costs.

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STRIKES.

STRIKE OF ST. LOUIS ROLLING MILL EMPLOYES.

The skilled men of this establishment have an organization, known as Lodge No. 6, Amalgamated Association of Steel and Iron Workers of the United States. Although the owner of the mill in 1888 had signed, after a strike of short duration, the Union scale of wages, he had nevertheless failed to carry out the same. The Union rule plainly fixes the price for a ton of sheet iron or steel turned out by the men according to the gauge, and requires that this full amount be paid to the roller as the head of the mill gang, and that the latter disburse one-fourth of the money to the heater and one-fifth to the shearer. The proprietor of this mill, however, followed a usage quite at variance with the Union rule, as he retained one-fifth of the amount due the gang and paid the shearer himself. He claims that he has improved machinery with which one man can do the work of three, that he pays Union rates to the man tending to the shears, and that he must have entire control over the shears in order to save material.

The men deny that the machinery used in this mill for cutting is in any way superior to that in other mills. They claim that the shortage in the number of competent shearers causes them a great deal of loss, as a man who has to work in a great hurry is able to throw many a sheet that has only a little crack or flaw in it on the waste pile, for which half of the regular rate is only paid. A shearman who is paid by the employer and not by the head of the gang according to the number of tons of material he turns out, has no inducement whatever to look after the interest of the men engaged in rolling the sheets, but will naturally look to the interest of the employer who pays him. They further claim that this St. Louis mill, by the above-mentioned usage, gained an advantage over its Eastern competitors, as it could manufacture sheet iron or steel from 10 to 15% cheaper per ton than the Eastern mills.

The men had silently tolerated this deviation from their rules for ten years, and would have probably done so for many years to come had it not been for the Eastern mills, who brought strong pressure to

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bear upon the Association and the local lodge to enforce the Union scale in this mill as in others, or they would see their organization annihilated.

On July 1 the mill owners were visited by a committee and requested to comply with the Union rule pertaining to the pay of the shearman. They were briefly told that the proprietor of the mill would not accede to their demand, whereupon the men struck. A few days later the men were notified to apply for work early, as the mill was going to be started again. A preference would be given to the old employes, but they had to apply singly, and not as a Union. Ever since the proprietor has refused to enter into negotiations with the Union, fully determined to run a non-union mill.

Later, in August, efforts were made to get men wherever they could be had. Up to October 1 eleven men arrived from England, all skilled rolling-mill hands, but they refused to work in the mill as long as the Union scale was not signed.

See details of strike in following table:

Name of establishment.	Number of men who struck	Duration of strike in work-days	Average wages before strike	Average wages after strike	Loss in wages to employes on account of strike	Loss to employers on account of strike	No. of men who lost position by strike	No. of new men taking place of strikers	Amount of relief paid to strikers by labor organization
St. Louis Rolling mill	109	79 to Oct. 1	$1 50 to $11	$1 50 to $11	$17,004 till Oct. 1	Unk.	?	?	$948 to Oct. 1

STRIKE OF TIN, SHEET IRON AND CORNICE WORKERS.

The Tin, Sheet Iron and Cornice Workers' National Union joined the Building Trades Union on May 1st in their struggle for reduction of the hours of labor and advance in wages. They demanded that eight hours constitute a day's work with the former pay of ten hours: that is, an increase in wages of 25%. Any over-time should be paid at the rate of time and a half. Further, they demanded the adoption of certain shop rules, according to which the bosses should not be allowed to keep more than one boy to six men in their shops. When these demands were rejected, the strike was declared.

The employers acted in strict concert. They had lists (black lists) of all strikers; the names of the objectionable men, that is those who were not wanted any more, were marked—the rate per hour being attached to their names on the list. About fifty copies of these lists had been divided among the employers.

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Considerable loss was sustained by the proprietors. Many of the strikers left the city a few weeks after the strike was declared; others took whatever work they could obtain. By October 1st the strike had died out, though it was not declared off.

See table for details.

Name of establishment.	Number of men who struck	Duration of strike in work days	Average wages before strike	Average wages after strike	Loss in wages to employes on account of strike	Loss to employers on account of strike	No. of men who lost positions by strike	No of new men taking places of strikers	Am't of relief given to strikers by labor organizations
Mesker Bros	40	131	$2 50	$2 50	$2,650	$2,500	29	34	
Seymour-Schulze	16	131	2 50	2 50	1,830	2,500	16	21	
National Cornice & Iron Co	39	131	2 50	2 50	2,750	Unk.	36	49	
John M. Powers	9	131	2 50	2 50	860	"	7	10	
Hy. Pins	5	131	2 50	2 50	170	"	1	1	
Von Der Au Cluss	7	131	2 50	2 50	740	"	3	4	
H. Hoppman	8	131	2 50	2 50	695	"	8	10	
Eighteen other establishments	49	131	2 35	2 35	1,880	"	18	21	
Twenty-six stove shops	89	131	2 00	2 00	2.460	"	10	10	
Total	262	.....	.....	.....	$14,035	$5,000	126	160	$9 50

STRIKE OF THE CABINET-MAKERS.

BEATTIE MANUFACTURING CO.

Forty-one cabinet-makers, all belonging to the Furniture Workers' Union, No. 12, of St. Louis, together with six varnishers and one machine hand, struck on January 2, 1891, because they would not submit to certain shop rules which the company attempted to introduce in the establishment. According to these rules, a man who was not in the shop at 7 a. m. sharp had to suffer a deduction of one hour from his day's work, and further, all employes were required to report to the watchman both when entering and leaving the shop. The men had been notified of this innovation in December of last year. They, however, considered these rules arbitrary, and determined not to submit to them under any circumstances.

The strike lasted over two months, and seldom has a contest been fought with more harmony, energy and persistence. When, at last, the company saw the determination of the men not to give in, they withdrew the obnoxious shop rules. The strike was declared off in a meeting of the Union on March 4. Those of the men who had not yet found other

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employment returned to work in the shop. Although the police arrested some of the strikers on the charge of disturbing the peace, in no case could this charge be sustained. This strike, as well as all others that occurred during the present year, and there were a great many of them, was conducted in the most orderly manner. See details of strike given in table below.

Name of establishment.	No. of men engaged in strike	Duration of strike in work-days	Average daily wages before strike	Average daily wages after strike	Loss in wages to employes on account of strike	Loss to employer on account of strike	No. of men who lost positions by strike	No. of new men taking places of strikers	Am't of relief given by labor organizations to strikers
Beattie Manufacturing Co	48	60	$2 65	$2 65	$3,789	$5,000	19	21	$1,270

STRIKE OF THE MOULDER HELPERS.

This craft is not organized. Last spring an organization was attempted, but was not successful.

In all the city shops the rate of wages varies from $1.25 to $1.50 per day, ten hours constituting a day's work. The men connected with the St. Louis Iron and Machine works went on a strike May 2d, at which time their demand for a minimum rate of $1.50 per day was refused.

The following table shows the result of their strike:

Name of establishment.	Number of men who struck	Duration of strike in work-days	Average daily wages before strike	Average daily wages after strike	Loss in wages to employes on account of strike	Loss to employer on account of strike	No. of men who lost positions by strike	No. of new men taking places of strikers	Am't of relief given by labor organizations to strikers
St. Louis Iron and Machine works	9	2	$1 45	$1 40	Unk.	0	6	4	0

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THE MARINE FIREMEN'S STRIKE.

The colored firemen on the large Mississippi river boats organized March 25, 1891, as Marine Firemen's Protective Union No. 1, branch 5464, of American Federation of Labor. The special object of this organization was to obtain a fair rate of wages, and to elevate the firemen in the social scale. For years they had complained of low wages, poor board and bad treatment, but had never been heard. They, therefore, inaugurated a strike on April 1, after their demands for an advance in wages from $30 to $40 per month and recognition of their Union had been flatly refused. The strike, which was conducted in an orderly way, lasted one month. The Anchor line acceded to the demands of their men, and the strike was declared off on May 1, 1891.

Details of the strike are given in the following table:

Name of boats.	Number of men who struck	Duration of strikes in work-days	Average monthly wages before strike.	Average monthly wages after strike	Loss to men in wages on account of strikes	Loss to employers on account of strike	No. of men who lost positions on account of strikes	No. of new men taking places of strikers	Am't of relief given to strikers by labor organizations
City of Hickman	6	30	$30	$40	$180	0	0	0	0
Crystal City	6	30	30	40	180	0	0	0	0
City of Monroe	6	30	30	40	180	0	0	0	0
City of New Orleans	6	30	30	40	180	0	0	0	0
City of Vicksburg	6	30	30	40	180	0	0	0	0
City of Providence	6	30	30	40	180	0	0	0	0
City of Cairo	6	30	30	40	180	0	0	0	0
Arkansas City	6	30	30	40	180	0	0	0	0
Belle of Memphis	6	30	30	40	180	0	0	0	0
City of St. Louis	6	5	30	30	30	0	6	6	0
M. V. T. C, 4 boats	24	4	30	30	96	0	24	24	0
Total 14 boats	84	.....	30	36 40	1,746	0	30	30	0

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STRIKE OF QUARRYMEN.

The quarrymen of the city, organized as Branch 48, Quarrymen's National Union, that had struck on May 1, 1890, for a reduction of the hours of labor from ten to eight per day and had been unsuccessful, tried once more on May 1 of the present year. They demanded an eight-hours' work-day with $2.50 pay, the amount they had received for ten hours' work. The employers claimed that they were unable to accede to the demands of their employes, because it would cause their teams to be idle for a considerable length of time per day and result in great loss to them; and, further, they could not compete under these new conditions with the large quarries in Grafton, Alton and other suburbs of the city, all of which quarries were worked by men who received less wages and worked longer hours. On May 11 a committee of employers and employes accepted a compromise according to which the men should receive $2.50 for a nine-hours' work-day. The compromise was indorsed by the strikers in a general meeting on the evening of May 12, and the strike was declared off.

The following table shows details of the strike:

Name of establishment.	Number of men who struck	Duration of strike in work-days	Average daily wages before strike	Average daily wages after strike	Loss in wages to employes on account of strike	Loss to employer on account of strike	No. of men who lost positions by strike	No. of new men taking places of strikers	Amt. of relief given to strikers by labor organizations
Perkinson Bros	21	9	$2 50	$2 50	$295	$1,200	4	4	0
M. A. Hogan	29	9	2 50	2 50	210	750	0	0	0
Fruin-Bambrick	5	9	2 00	2 00	14	Unk.	5	16	0
Wm. H. Baronet	8	9	2 50	2 50	120	"	0	0	0
Bambrick-Bates	20	10	2 50	2 50	324	"	1	1	0
John Bambrick	16	9	2 50	2 50	98	"	0	0	0
Stifel & Ruckert	6	9	2 50	2 50	103	"	0	0	0
George Prendergrast	6	9	2 50	2 50	74	"	0	0	0
Heman Construction Co	14	9	2 50	2 50	225	"	0	0	0
Total 9 establishments	125	9	2 50	2 50	1,468	1,950	10	21	0

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STRIKE OF THE EMPLOYES IN CENTRAL TYPE FOUNDRY.

In January of the present year, the proprietors of this establishment introduced gas as fuel in the furnaces, instead of coal, thus increasing their daily expenses for fuel per machine from eight to about thirty cents per day. As the employes work by the piece, and this change gave them an opportunity to increase their wages, the company thought they should also defray a part of the expenses, and taxed them accordingly ten cents a day for the privilege of using the gas furnaces. Employes refused to pay such tax, and threatened a general strike if the employers enforced their requirement. Thereupon the latter proposed a compromise: they left it entirely to employes to work at either gas or coal machines, but those who preferred to work at a gas machine would be expected to pay ten cents per day to employer for this privilege. The cause of the trouble seemed to be removed, when one of the men who is said to have violated the rules of the shop was dismissed by the foreman. Then twenty-two men struck because their demand to the company to re-instate this man was not complied with. It seems, however, that the strikers had some other grievances which caused them to follow such a course: namely, that their hats and coats were locked up by the foreman during working hours, and that this young man, a son of one of the proprietors, subjected them to indignities. The strike lasted some twenty-four days. As business was very slack, the proprietors had no trouble in finding all the help they needed.

The following table shows details of the strike:

Name of establishment.	Number of men who struck	Duration of strike in work-days	Average wages before strike	Average wages after strike	Loss in wages to employes on account of strike	Loss to employers on account of strike	No. of men who lost positions by strike	No. of new men taking places of strikers	Am't of relief given to strikers by labor organizations
Central Type Foundry	22	24	$20	$20	$1,760	0	18	4	0

STRIKE OF CARPENTERS.

On December 30, 1890, the District Council of the Brotherhood of Carpenters and Stair-builders, representing fifteen local Unions, sent a demand to all the boss builders, carpenters and contractors in the city, asking for an advance in wages from 35 to 40 cents per hour. As a

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day's work consisted of eight hours, this was equal to an advance of 40 cents per day. Some seventy bosses replied that they would not grant any advance in wages which they thought were high enough, and would never acknowledge a Union that claimed the right to fix wages. The remaining bosses were not heard from at all. Thereupon the District Council decided to declare a general strike to commence on the first day of May, 1891. Four weeks previous to that date, the above mentioned demand was repeated to the bosses. The first day of May was declared a holiday and the men were instructed to demand on May 2d, 40 cents per hour, and to stay out if refused. A great many bosses, however, acceded at once to the demand of the men, and about sixty per cent of the men, those who had celebrated May 1st, went back to work on May 2d or soon thereafter.

In the meanwhile fifty-two bosses, determining to offer resistance to the last, organized as the Boss Builders' and Carpenters' Association. But as many of them had on hand contracts and would suffer by the delay, their resistance soon ceased. On May 20th all but four had granted the demand of the strikers. On the same day the strike was declared off by the unanimous vote of the assembled Unions.

The following table shows details of strike:

Name of establishment.	Number of men who struck	Duration of strike in work days	Average wages before strike	Average wages after strike	Loss in wages to employes on account of strike	Loss to employers on account of strike	No. of men who lost positions by strike	No. of new men taking places of strikers	Am't of relief given to strikers by labor organizations
Thomas Kelly	15	17	$2.80	$3 00	.....	Unk.	4	6	
A. E. Cook	4	16	2 80	3 00	.....	"	0	0	
James Keefe	13	17	2.80	3.00	.....	"	7	7	
Wm. C. Papp	5	4	2 80	3.00	.....	"	0	0	
J. H. Dunlap	4	16	2.80	3.00	.....	"	1	2	
Fitzgibbons	25	17	2.80	3.00	.....	"	8	10	
Jno. Low	12	6	2.80	3 00	.....	"	1	1	
Cook & Casey	3	16	2.80	3.00	.....	"	0	0	
Sam. C. McCormick	20	17	2.80	3.00	.....	"	2	3	
Forty-three other firms	226	417	2.80	3.00	.....	"	19	42	
Total of 52 establishments	327	543	2.80	3.00	$9,928.60		42	71	$3549.50

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THE PAINTERS' STRIKE.

The painters of St. Louis are organized in two separate bodies: the Journeymen Painters' Union of Missouri, branches 1, 2 and 3, and the Brotherhood of Painters and Decorators of America, local Unions 115, 137 and 235, affiliated with the American Federation of Labor. The latter organization, the younger of the two, was started in the Spring of 1888, and has ever since followed a somewhat antagonistic course toward the local Union. Prior to the 1st of April they made a demand on the master painters for 35 cents an hour as a minimum rate, eight hours constituting a day's work. When their demand was not complied with they contemplated a strike for April 1st, but for some reasons unknown to outside parties, abandoned this plan. Holding a seat, however, in the Building Trades Council, they decided to join the Amalgamated Building Trade Unions in their struggle for an advance in wages on May 1st. On May 3d (Sunday) they held an open mass meeting, where the strike was discussed and voted on, and a large majority were in favor of it. The master painters, fully prepared for this emergency, and also not ignorant of the want of harmony (not to use a stronger expression,) between the two organizations, were determined in spite of their many contracts on hand, to fight the brotherhood to the last. No sooner, however, had the struggle begun than the men discovered that they had overrated their strength. An appeal to the local Union for help was ignored by that body. Then there was nothing left for them but to surrender. Their defeat was disastrous.

The result of this strike is shown in the following table:

Name of establishment.	Number o men who struck	Duration of strike in work days	Average daily wages before strike	Average daily wages after strike	Los in wages to employes on account of strike	Loss to employers on account of strike	No. of men who lost positions b strike	No. of new men taking places of strikers	Am't of relief given to strikers by labor organizations
Flesh & Mook	86	10	$2 40	$2 25	$2,270	$1,000	29	58	.....
Jules Lachance	15	16	2 40	2 40	576	400	14	15	.....
Steinmann Bros	11	10	2 40	2 40	264	400	6	7	.....
Mullen & Hoppins	12	16	2 40	2 40	418	0	12	12	.....
F. L. McGinness	9	10	2 40	2 40	192	0	8	8	.....
James Ruane	35	10	2 40	2 40	840	0	0	0	.....
Chas. W. Holland	4	10	2 40	2 40	106	0	0	0	.....
Thirteen other firms	40	110	2 40	2 30	960	Unk.	3	5	.....
Total, 20 establishments	212	192	2 40	2 35	5,626	1,800	72	108	$300

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MARBLE SETTERS' AND POLISHERS' STRIKE.

The Marble Cutters' Union decided to join the building trade unions in their struggle for an advance in wages on May 1, 1891. They ordered out those marble setters who do work outside the shop and come in contact with the building trades, who for the last 5 years had worked for only 8 hours a day. Their demand for an increase of 20 per cent of their wages ($3 instead of $2.50 for 8 hours work) was rejected by the employers, and the strike declared. But the bosses to whom the fight was offered, when least expected, were soon forced by their contracts, which had to be carried out in a given time, to submit to the dictates of the Union.

Table A shows details of this strike.

No sooner was this strike settled in favor of the Union than the marble polishers of the Pickle Stone and Marble company thought their time had come to do away with an old grievance. They had to do piece-work in this shop, and had averaged only $1.75 to $2.50 per day. On May 15 they refused to work by the piece, and demanded $2.50 daily wages for 9 hours' work. When their employers did not accede to their wishes, they struck. This struggle lasted, however, only four days. The above-mentioned circumstances caused the employers to grant this demand also.

See table B for details:

TABLE A.

Name of establishment.	Number of men who struck	Duration of strike in work days	Average daily wages before strike	Average daily wages after strike	Loss in wages to employee on account of strike	Loss to employers on account of strike.	No. of men who lost positions by strike	No. of new men taking places of strikers	Am't of relief given to strikers by labor organizations
Pickle Stone and Marble Co.	15	7	$2 50	$2 75	$265	0	0	0	0
Bradbury & Jones	5	6	2 50	3 00	75	$100	2	2	0
Total 2 establishments	20	....	2 50	2 75 3 00	.340	100	2	2	0

TABLE B.

Pickle Stone and Marble Co.	25	4	$2 25	$2 50	$250	0	0	0	0

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STRIKE OF STAIR-BUILDERS.

Union No. 578 of the Brotherhood of Carpenters and Stair-Builders comprises the latter craft. Previous to May 1st of the present year they had worked nine hours at 35 cents per hour. They tried to get on the same footing with their fellow-workmen of the carpenter unions, and decided to join them in the May strike. Their demands were eight hours at 40 cents an hour. The bosses granted these rates for outside work, that is work on buildings, without a word, but declared that they would maintain the old rates for all work in the shops. Thereupon the men struck. The master stair-builders, however, weakened, and when by the 13th of May all but a few smaller establishments had complied with the demands of the strikers for inside work also, the strike was declared off by the unanimous vote of the Union.

Details of same given in table below:

Name of establishment.	Number of men who struck	Duration of strike in work-days	Average wages before strike	Average wages after strike	Loss in wages to employes on account of strike	Loss to employers on account of strike	No. of men who lost positions by strike	No. of new men taking places of strikers	Am't of relief given to strikers by labor organizations
Blummer, Kuhns & Co.	25	8	$2 60	$2 80	.....	Unk.	23	23	
John Rheinhard	19	8	2 75	3 00	.....	"	1	1	
Thorn & Fullerton	10	7	2 75	3 00	.....	"	0	0	
Franz & Spengelmann	10	6	2 75	3 00	.....	"	0	0	
Ph. Hof	10	7	2 75	3 00	.....	"	0	0	
Geo. Lecontour	8	7	2 75	3 00	.....	"	0	0	
M. Weigert	8	6	2 75	3 00	.....	"	0	0	
Wm. Schmidt	7	6	2 75	3 00	.....	"	0	0	
Four miscellaneous firms	16	7	2 75	3 00	.....	"	4	4	
Total 12 firms	113		.....	.....	$1,554 40	.....	28	28	$498

STRIKE OF THE ARCHITECTURAL IRON WORKERS.

The craft organized as Architectural Iron Workers' and Chippers' Union, comprising the setters, fitters, chippers and laborers in the architectural iron trade, were among those who struck on May 1st for an advance in wages and a reduction of the hours of labor. The principal demand was the reduction of hours from 10 to 8 a day. The increase of wages was as follows:

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Setters from 20 cents per hour to 32½ cents per hour.

Fitters from 20–25 cents per hour to 27½ cents per hour.

Chippers from 16½–20 cents per hour to 22½ cents per hour.

Laborers from 15 cents per hour to 18½ cents per hour.

For over-time, that is all hours of work exceeding the regular 8 hours working day, the rate should be 50 per cent more for the first two hours and 100 per cent more for each additional hour of extra work. Sunday work was entirely excluded; if proven, however, necessary, double rates per hour should be charged. In addition to this, the adoption of Union shop rules was demanded. A circular containing this scale of wages was sent to the proprietors of the five architectural iron foundries in this city in January, but ignored by them. The strike was declared on the first day of May. The employers state that they already pay higher wages than any similar establishments in Cincinnati, Chicago and other Western places; that they have to compete with these cities, as most of their orders come from outside; that a reduction of the hours of labor would not be acceptable to them, as the moulders and laborers worked ten hours and did not express any wishes as to reduction of time. The proprietors acted in concert, and after six weeks of hard struggle their determination was not weakened in the least. Even a compromise proffered by the strikers to their employers, to grant them the reduction of time without any increase of rate per hour, was unanimously refused. As a lack of discipline and support from other organizations had decimated the ranks of the strikers, they decided to drop their cause as hopeless, and the strike was declared off on June 13, 1891. See table for details:

Name of establishment.	No of employes engaged in strike	Duration of strike in work-days	Average wages before strike	Average wages after strike	Loss in wages to employes on account of strike	Loss to employers on account of strike	No. of men who lost positions by strike	No of new men taking places of strikers	Am't of relief given to strikers by labor organizations
Sherpe & Koken	76	37	$1 90	$1 90	$4,428	0	11	11	.....
McMurray & Judge	17	37	1 90	1 90	1,054	0	6	6	.....
Pullis Bros	46	37	1 90	1 90	3,233	Unk.	Unk	Unk.	.....
Union Iron Foundry Co	35	37	1 90	1 90	2.038	0	10	10	.....
Christopher Simpson	24	37	1 90	1 90	1.546	100	10	10	.....
Six miscellaneous firms	17	37	1 90	1 90	1,124	Unk.	8	8	.....
Total 13 firms	215	.....	.....	.....	$13,423	.....	.....	....	$568 50

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MINOR STRIKES OF 1891.

Jan. 6—In Sherpe and Koken's foundry some 76 men belonging to Architectural Iron Workers' and Chippers' Union, struck because company reduced wages 10 per cent, to which amount wages had been advanced during previous summer. Company agreed, however, to continue paying advanced rate of wages when it was proved to them that their scale of wages was not as high as in other shops in the city. Thereupon, as they could not bring the proof, they had to accede to a reduction of wages, and went back to work after they had been out two days.

Jan. 15—Four compositors (girls) struck in Western News-paper Co.; complaint, low wages, too many working hours and bad treatment. Places were filled immediately by new help.

Jan. 17—Twenty girls, trimmers in St. Louis Wooden Gutter Co., struck because rates for piece-work were reduced. Places filled immediately by other girls.

Feb. 6—Ben Deering, manager of the Evening Call, notified the compositors that after Feb. 6th all advertising or "fat" matter should be set by the week. For other matter he would pay the regular Union rates, but could not guarantee any definite amount of work per day, as the strictest economy on his part was necessitated by the financial standing of the paper. This being at variance with the established usages prevailing in all newspaper offices (where all composition must be paid for either by the piece or by the week, and further where each compositor must be given work for seven consecutive hours each day that he works), the proposition was laid before and rejected by the officers of the Union. Ben Deering then dispensed with the services of Union men, stating that while he, as a former Union printer, recognized the propriety of the usage, it was impossible for him in the present financial condition of the paper to comply with the rules of the Union. Thereupon the printers quit work and their places were supplied with non-Union men. The number of men that quit was eleven. It is claimed that no loss was sustained by the printers, as they had always more or less trouble in getting their wages. The paper has since ceased to exist. At no time was there any harsh feeling between the proprietor of the paper and the Union.

April 13—Chippers in Mo. Car and Foundry Co. struck for advance in wages, from $1.40 to $1.66⅔ per day, or $10 per week. Demand of the men was complied with, and they went back to work the next day.

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April 21—Six teamsters struck in Knapp and Stout lumber yard, because two were dismissed for being drunk. Places of strikers were filled immediately with new men.

About the same time, the lumber pilers demanded and were granted an increase in wages from $1.25 to $1.50 per day.

April 3—Foreman of Jacob Kaiser's mattress factory ordered one of the men to make for an invalid boy an extra small sized mattress, 3 feet by 5 and 8 inches thick. The regulation price for a mattress 4½ feet by 6 feet and 6 inches thick being 40 cents, the company thought that 35 cents was a sufficient remuneration for this extra job. The man, however, refused to make it for 35 cents, and demanded the full price of 40 cents. He was told he had to take the work that was given him or he would get no work at all. Then he stepped out and nine men with him. Some of the latter, however, returned the next day; others found their places taken by new men. Five out of nine men lost their positions. Neither employer nor employes sustained any considerable loss, as the locked-out men found work in other establishments within a few days.

May 16—Ten sheet iron workers employed by J. N. Kilpatrick, of the South St. Louis Iron and Foundry company, at the new Carondelet electric and ice plant, struck because their foreman was dismissed for reasons known to Mr. Kilpatrick only, and he refused to reinstate him. Two of the men went to work a few days later. The places of the remainder were filled with new men.

May 1—The team owners of the city who are employed by contractors to remove earth and clay, from excavations, had for years past complained of insufficient pay. They could scarcely average $2.50 per day, including the team. They began to organize in March, 1890, but up to May 1 of the present year were not strong enough to assert themselves. On May 1, however, they demanded $4 a day for ten hours' work, and threatened to strike if their demands were not acceded to. All of the members of the Team Owners' Union, No. 5350 of the American Federation of Labor, pledged themselves to carry out to a letter, City ordinance No. 16168, of April 6, 1891, which reads as follows: "All boxes or beds of wagons hereafter used for the removal of earth or clay shall not exceed the following inside dimensions, namely: six feet long, three feet wide and twenty-one inches deep; and the same shall not be filled above water measure, or a uniform level across its top." Under these conditions, the contractors complied at once with the demands of the team owners. Strike was not declared. Only four contractors refused to pay the Union rates.

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April 1—The whiteners, who are well organized, sent out to the bosses circulars containing their advanced rates. For an eight hour days' work they demanded $3, or 37½ cents per hour; for each hour over time, 56¼ cents; Sunday work, 75 cents per hour. Thirty-two bosses complied with these demands at once, and their shops were turned into Union shops. In the remaining shops the former rates were maintained. These rates were 35 cents per hour, ten hours constituting a day's work. No strike was declared.

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ST. LOUIS BOYCOTTS.

I. GARMENT CUTTERS AGAINST THE SCHWAB CLOTHING CO.

On December 13, 1890, the firm discharged two of their employes, the Recording Secretary of Labor Assembly No. 993 (garment cutters and trimmers) Knights of Labor and the shop president, the latter having been appointed by the Assembly in order to see that the Union rules were strictly carried out in the cutting department of the above firm. The members of the firm gave as their reason for this summary proceeding, that the two men had interfered with the business and were altogether too meddlesome. The men denied this charge and claimed they had merely done their duty as officers of the Union.

On December 15, the District Executive Board of the K. of L. waited upon the members of the firm, explained the action of the two discharged brothers, and demanded that they should be reinstated until December 17, or until the National Tailors' Assembly No. 231 K. of L. could be notified and requested to take action in this matter. As the firm refused to comply with this demand, the matter was referred to the last mentioned body.

The Master Workman of N. T. A. No. 231 then asked the Schwab Clothing Co. to put the two discharged men back to work at once. The firm replied they had not discharged the men for being officers of the organization; on the contrary, they had always sympathized with and supported all labor movements. They asked the M. W. of N. T. A. No. 231 to come to St. Louis, as they were willing to settle the trouble in an amicable way. The M. W. however, being very much occupied at that time, wrote that he could not come to St. Louis within the next 12 days; the firm, however, if willing to settle, should put the men back to work pending an investigation; within three weeks the matter would be investigated, and then according to their mutual agreement the men would be left in their places or be discharged for good. The firm did not accept this proposition, and was thereupon notified that the N. T. A. No. 231 would take such steps as would be considered necessary to protect their members against any iniquity or unfairness.

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The war was declared on January 19. In February last the firm published a statement, defending its action and protesting against such rash steps as the organization had taken.

On May 13, 1891, an agreement was entered into by the Schwab Clothing Co. and N. T. A. No. 231, according to which the firm employs no person who is not a member of the K. of L. and attached to N. T. A. No. 231; it does not discriminate against any one member of the above organization. The N. T. A. No. 231 K. of L. binds itself to take up no grievances until they have been referred to an arbitration committee (composed of two members of said firm, and two members appointed by N. T. A. No. 231, and a fifth outsider selected by a majority of the four). The firm paid all expenses involved by N. T. A. No. 231 during the entire trouble.

II. THE MALTSTERS' AND BREWERS' ORGANIZATION AGAINST THE ST. LOUIS BREWERIES.

On March 28, 1886, the brewery workers of this city organized themselves as Brewers' and Maltsters' Union No. 6, National Union of the United Brewery Workers of the United States, being a branch of the American Federation of Labor. On May 15th of the same year, the local Union affiliated with the K. of L. as Gambrinus Assembly No. 7503 K. of L.

The St. Louis Brewers' Association, comprising all breweries in the city but two very small ones, at once vigorously opposed this young organization. The Union, however, offered fight on May 1, 1886, and boycotted Schnaider's and Stifel's beer (the latter was president of the association). In August of the same year, the members of the Association, when they saw that this boycott was effective, decided that by September 4, all employes who had not severed their connection with the Union should be discharged. The Union discussed in an extra meeting this step of the brewery bosses, and unanimously resolved to declare a general strike on September 2, if the bosses should fail to sign the rules of the organization up to that date. The brewers refusing to recognize the Union, the strike was begun on September 2, 1886, and lost a short time after. Lack of discipline and indifference on the part of most of the men accounted for this defeat. The Union immediately resorted to another expedient. In October, all breweries but one (Miller's) were boycotted. This continued until January 6, 1887, when an agreement as entered into between the Association and the Union, which was in effect until May 1, 1888. After that date the Secretary of the Association declared that the St. Louis brewers would no longer recognize organized labor in their establishments. The

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Wainwright brewery was first to discharge its Union employes, and a boycott was placed upon its product. In the other breweries, the Union men were not annoyed, but merely taken no notice of.

On June 1, 1889, seventeen St. Louis breweries formed the St. Louis Brewing Association, and its stock was offered on the English market. The Union then placed a boycott on this so-called English syndicate. In the meanwhile, the Central Labor committee had repeatedly waited upon the Lemp and Anheuser-Busch breweries, to induce them to stand by the agreement of January 6, 1887. As these two breweries were determined to disavow the Union, the boycott was placed on their beer also (November 23, 1889). The Obert brewery had recognized the Union ever since January, 1887, and was, up to October 1, 1891, the only Union brewery in the city. The boycott, however, on a great local industry, was not popular with the St. Louis workingmen. The Union had to look for outside help. In December, 1889, the convention of the American Federation of Labor in Boston, and in June, 1890, the General Exective Board of the K. of L., took up the cause of their brother workmen, and indorsed the boycott, but only against Lemp and Anheuser-Busch beer, as these firms could be reached outside the city, doing a large export business. In April, 1891, the breweries constituting the St. Louis Brewers' Association discharged 33 men because they were members of a Union that boycotted the product of these breweries. In consequence of this new hostility, the Union suspended the boycott on the beer of the English syndicate in order to concentrate its forces against Anheuser-Busch and Lemp, especially against the former firm. In June last negotiations were entered into by the Anheuser-Busch Brewing Association with the General Executive Board of the K. of L., and a little later with the American Federation. On September 25, the firm succeeded in bringing about an agreement which was accepted by the G. E. B., and on October 1, by the District Assembly and the local Union. According to this agreement, the Anheuser Busch Brewing Association recognizes the Union and gives preference to its members in filling vacancies. The boycott against this brewery was raised on October 1, 1891.

III. THE STOVE MOUNTERS' UNION AGAINST THE BUCK STOVE AND RANGE COMPANY.

On October 4, 1890, the members of the above Union employed in the factory of the Buck Stove and Range company asked for a 16⅔ per cent increase in the price of their work, as they could not make $1.50 per day, even if they worked very hard. When the firm refused to accede to the wishes of the men the matter was laid before the Union,

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which appointed a committee of three from among the men employed in this shop to wait upon the members of the firm. The manager of the firm, however, sent one of the men right off, and ordered the other two back to work. Thereupon the matter was brought to the knowledge of the District Executive Board of the American Federation of Labor. A joint committee of the A. F. of L., the K. of L. and the German Arbeiter Verband called on the members of the firm, who told them they would not recognize any labor organization, but claimed the right to settle all trouble arising between their firm and their employes without the interference of any outside parties. On October 15, the thirteen members of the Union employed in this factory were ordered out, and a boycott was placed on the product of this firm. Up to October 1, 1891, the trouble was not settled.

IV. TROUBLE BETWEEN GERMAN AND AMERICAN TYPOGRAPHIA NO. 3, AND SOME GERMAN NEWSPAPERS OF ST. LOUIS.

Previous to June 24, 1890, the two German evening papers had raised the rate of wages of their compositors to 23 cents per 1,000 letters, in order to settle some other grievances. The Union decided to introduce this rate into all German newspaper offices in the city, and at the same time to enforce the recognition of their organization. On June 24th an extra meeting was called, the matter was discussed, and committees appointed to call on the editors and managers of the different papers. The Westliche Post at once acceded to the demands of the Union; the Amerika, after some delay, refused to do so; the Anzeiger des Westens declined to negotiate with organized labor at all, though the rate of 23 cents per 1,000 letters was afterward paid. All Union men employed in the Amerika and Anzeiger des Westens were ordered to strike, and a boycott was placed on both papers. The Amerika compromised, however, and the boycott was lifted on September 30, 1890. The Anzeiger is apparently determined to maintain its opposition against organized labor. The Union has recently allowed its members to accept positions in this office, though the boycott has not been lifted.

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LABOR AGENCIES.

In St. Louis and Kansas City there are thirty so-called labor agents who, for a stated sum, agree to get a working man or woman a position. The amount charged by the labor agent varies from 50 cents to $20.00, or in proportion to the amount of money the applicant is supposed to have. The working people of the cities are swindled out of more money in this way than perhaps all the other methods put together. The criminal court docket of St. Louis has page after page filled with cases that have been brought against the labor agents by their victims for money paid and no position secured. Each case has been put off from time to time and at last dismissed because prosecuting witness failed to appear. No one who is dependent upon his daily labor for support can afford to wait month after month for the case to be tried. In some instances where the case is nearly ready for trial, and the witness should remain near at hand, he is bought off by the labor agent and the case is dismissed as usual.

Several of the labor agents have their offices in saloons; they advertise in an afternoon paper for fifty or a hundred laborers, who promptly put in an appearance next morning, and after registering and paying $1.00 (usually the fee charged), they are told to remain near at hand, and that free transportation will be furnished them and they will be shipped out on the evening train. The laborer is feeling happy over having secured a position, and usually has from 50 cents to $5.00 remaining after paying his registration fee; this money he spends in the labor agent's saloon during the day, and when night comes he is informed that the transportation not having arrived, he will have to wait until morning. In the morning they return and perhaps spend the remainder of the money; they are then informed that the transportation has not arrived, and their registration fee is returned and they depart sadder but wiser men, while the labor agent gives himself credit for from one to two hundred dollars taken in over the bar from his victims.

From an examination of the following tables, the reader can form an idea of the number of applicants for positions during the year, and

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the large amount of money paid to the labor agents by that class of working people who are most in need of help.

In Kansas City the labor agents received $64,464 from 43,672 workingmen, at least that is all the labor agents claim they received, when, if the truth was known, they received several times that amount. This $64,464 was for securing situations for males and was divided among eigth labor agents, making the amount $8,000 each claimed to have received.

Of the four agents securing positions for females $6,104.50 was paid by 3,835 working women. Three out of the four agents just mentioned secure positions for males and are included in the eight mentioned above.

If a law should be passed, by which the working people of the cities could be saved this large sum, it would meet with general approval. In Ohio, about twelve months since, the legislature passed a law creating free public employment offices in charge of the Bureau of Labor. Free public employment offices were established in the cities of Cincinnatti, Cleveland, Columbus, Toledo and Dayton. The excellent results attained are given, which is copied from the Labor Commissioner's report of Ohio:

FREE PUBLIC EMPLOYMENT OFFICES.

The following is the full text of the law providing for the creation of "free public employment offices" in the citics of Cincinnatti, Cleveland, Columbus Dayton and Toledo:

An act to amend section 308 of the Revised Statutes of Ohio.

SECTION 1. *Be it enacted by the General Assembly of the State of Ohio*, that section 308 of the Revised Statutes be so amended as to read as follows:

Sec. 308. The commissioner shall have an office in the state house which shall be a bureau of statistics of labor, and he shall collect, arrange and systematize all statistics relating to the various branches of labor in the state, and especially those relating to the commercial, industrial, social, educational and sanitary condition of the laboring classes. Said commissioner is hereby authorized and directed, immediately after the passage of this act, to organize and establish in all cities of the first class, and cities of the first and second grade of the second class in the state of Oh o, "a free public employment office," and shall appoint one superintendent for each of said offices to discharge the duties hereinafter set forth. Said superintendent shall cause to be posted in front of their said offices on a sign board, or in a suitable place on the building where such offices are located, the words "free public employment office." It shall be the duty of such superintendents to receive all applications for labor of those desiring employment and those desiring to employ labor, and record their names in a book kept for that purpose, designating opposite the names of each applicant the character of employment, or labor desired, and the address of such applicant. Each of said superintendents shall be provided with such clerical assistance as in the judgment of the commissioner may appear necessary for properly conducting the duties of their several offices. No compensation or fee shall, directly or indirectly, be charged to or received from any person or persons seeking employment or any person or persons desiring to employ labor through any of said offices. Said superintendent shall make a weekly report on Thursday of each week to said commissioner of all persons desiring to employ labor, and the class thereof, and all persons applying for employment through their respective offices, and the character of employment desired by each applicant; also, of all persons securing employment through their respective offices and the character thereof, and a

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semi-annual report of the expense of maintaining such offices. Said commissioner shall cause to be printed weekly a list of all applicants and the character of employment desired by them, and of those desiring to employ labor, and the class thereof received by him from the respective offices aforesaid, and cause a true copy of such list on Monday of each week to be mailed to the superintendent of each of said offices in the state, which said list by the superintendent shall be posted immediately on receipt thereof in a conspicuous place in his office, subject to the inspection of all persons desiring employment. Said superintendents shall perform such other duties in the collection of labor statistics as said commissioner shall determine. Any superintendent or clerk as herein provided, who directly or indirectly charges or receives any compensation from any person whomsoever in securing employment, or labor for any other person or persons as provided in this act, shall be deemed guilty of a misdemeanor, and be fined in any sum not exceeding fifty dollars, and imprisoned in the county jail or workhouse not exceeding thirty days. The superintendent of each of said offices shall receive a salary, to be fixed by the council of such city, payable monthly. The clerk or clerks required in any of such offices shall receive a salary of not more than fifty dollars per month, provided the compensation of such superintendents and clerks so appointed shall be paid out of the city treasury, in which such free public employment office may be located.

SEC. 2 That said original section 308 of the Revised Statutes be and the same is hereby repealed.

SEC 3. This act shall take effect and be in force from and after its passage.

NIAL R. HYSELL,
Speaker of the House of Representatives.
WILLIAM V. MARQUIS,
President of the Senate.

Passed April 28, 1890.

UNITED STATES OF AMERICA, OHIO, }
Office of the Secretary of State. }

I, Daniel J. Ryan, Secretary of State of the State of Ohio, do hereby certify that the foregoing is an exemplified copy, carefully compared by me with the original rolls now on file in this office, and in my official custody as Secretary of State, as required by the laws of the State of Ohio, of an act passed by the General Assemby of the State of Ohio, on the twenty-eighth day of April, A. D. 1890.

In testimony whereof, I have hereunto subscribed my name and affixed my official seal, at Columbus, the sixth day of May, A. D. 1890.

[SEAL]

DANIEL J. RYAN,
Secretary of State.

As the law was passed on the last day of the legislative session, I was compelled to wait until May 6 before obtaining a certified copy from the Secretary of State.

The objects sought to be obtained by the law are good, but the law itself is one of those curiosities which are sometimes born of loosely constructed or hastily considered legislative enactments. The law, it will be observed, both authorized and directed the Commissioner to proceed immediately to organize the "Free Public Employment Offices," and to appoint superintendents and clerks for the same.

To organize the offices necessitated the securing of salaries for those who were to fill them, and as the law provides that salaries shall be paid out of the treasury of the several cities in which the offices are located, yet leaves it optional with said cities as to whether they shall or shall not pay, I sent certified copies of the law to each of the city councils, and, either by letter or in person, asked that that an ordinance be passed fixing salaries of superintendents and clerks. All of the cities complied with my request, although some of them were late in doing so, and Toledo only provides for a superintendent.

The starting of the offices dates from or nearly from the appointments, which were as follows:

Toledo, June 4: Charles W. Murphy, superintendent, salary $1,000 per year.

Cleveland, June 23: Roger O'Sullivan, superintendent, salary $1,200; and Miss Edna L. Porter, clerk, salary $600 per year.

Dayton, June 26: Thomas E. Kane, superintendent, salary $1,000; and Miss Annie Larkin, clerk, salary $600 per year.

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Cincinnati, July 15: W. J. Stevenson, superintendent, salary $1,200; and Mrs. B Lieberman, clerk, salary $600 per year.

Columbus, August 11: P. J. Elliott, superintendent, salary $1,200; and on August 29, Miss Nettie Voegle, clerk, salary $600.

There being no appropriation made by the Legislature for expenses, other than salaries, connected with the "Free Public Employment Offices," and not knowing whether the law contemplated that the State or the cities should defray them, I addressed the following letter to the Attorney-General.

BUREAU OF LABOR STATISTICS,
COLUMBUS, O., May 14, 1890.

Hon. D. K. WATSON, *Attorney-General of Ohio:*

DEAR SIR—I desire to call your attention to section 308 of the Revised Statutes, as amended April 28, 1890, and to ask if, in your opinion, the State must pay all expenses connected with "Free Public Employment Offices," other than that of salaries of the superintendents and clerks.

Respectfully yours,
JOHN MCBRIDE,
Commissioner.

The following is the Attorney-General's reply:

OFFICE OF THE ATTORNEY-GENERAL, STATE OF OHIO,
COLUMBUS, O., June 6, 1890.

Hon. JOHN MCBRIDE, *Commissioner of Labor Statistics, etc.:*

MY DEAR SIR—You recently submitted to me the following question, and desired my official opinion:

"I desire to call your attention to section 308 of the Revised Statutes, as amended April 28, 1890, and to ask if, in your opinion, the State must pay all expenses connected with 'Free Public Employment Offices,' other than that of salaries of the superintendents and clerks."

I have examined the act to which you refer, and while its provisions are not as plain and positive as they should have been, I am, nevertheless, of the opinion that the spirit of the act requires the State to pay the necessary expenses connected with the establishment of "Free Public Employment Offices," except the salaries of superintendents of such offices, and clerks in the same.

Very truly yours,
DAVID K. WATSON,
Attorney-General.

Guided by the above opinion of the Attorney-General, I had offices rented and furnished at an actual and estimated expense to the State of $2,000.

The authority to create a deficiency for the amount named was secured through the following communications:

STATE OF OHIO, BUREAU OF LABOR STATISTICS,
COLUMBUS, O., December 18, 1890.

To the Hon. JAMES E. CAMPBELL, *Governor*, E. W. POE, *Auditor of State*, DAVID K. WATSON, *Attorney-General*, Columbus, Ohio:

GENTLEMEN—I herewith call your attention to an act of the General Assembly passed on the 28th day of April, 1890, amending section 308 of the Revised Statutes. Said amendment provides, among other things, as follows:

"Said Commissioner (meaning the Commissioner of Labor Statistics) is hereby authorized and directed, immediately after the passage of this act, to organize and establish in all cities of the first class, and cities in the first and second grades of the second class, in the State of Ohio, a free public employment office, and shall appoint one superintendent for each of said offices to discharge the duties hereinafter set forth."

It further provides that "the superintendent of each of said offices shall receive a salary to be fixed by the city council of such cities."

The other expenses, such as fixtures, rent, postage, etc., is to be paid (according to an opinion heretofore rendered by the Attorney-General) by the State.

I desire to inform you that no appropriation has been made by the General Assembly for defraying such expenses as will be necessary in the enforcement and carrying out of this law. I, therefore, request that under section 3 of the act of March 11, 1889 (Ohio Laws, vol. 86, p. 77), under

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the provision authorizing "the expending of money not specially provided for by law," you advise and consent that I may incur a liability and create a deficiency for the above purpose not to exceed the sum at this time of $2,000.

Respectfully yours,
JOHN MCBRIDE,
Commissioner of Labor Statistics.

COLUMBUS, O., December 18, 1890.

Hon. JOHN MCBRIDE, *Commissioner of Labor Statistics:*

SIR—It having been represented to us by the foregoing communication that it is necessary for you to create a deficiency to the extent of $2,000 to be used for defraying expenses absolutely necessary to be incurred in your department, we hereby grant you the authority to create such a deficiency.

JAMES E. CAMPBELL, Governor.
E. W. POE, Auditor of State.
DAVID K. WATSON, Attorney-General.

In making appointments, I selected men for superintendents and ladies for clerks. This was done because of the belief that women and girls out of work would prefer to approach one of their own sex when in search of employment. The wisdom of this course has since been demonstrated by the operation of the offices.

As the law now stands, the Commissioner has the power to appoint but has no authority to remove the superintendents and clerks. This evidently was an oversight, but it should be remedied, so that the good work of the different offices may not be interfered with by the bad services of an appointee. Another bad feature of the law is that which leaves it optional with councils of the different cities to make and unmake salaries. This provision endangers the existence of the offices, and has a tendency to bring the superintendents and clerks into collusion with members of the city governments as against the Commissioner.

During the short time that the "Free Public Employment Offices" have been in operation, the superintendents have rendered material assistance to this Bureau in the way of collecting statistics; yet, if the employment offices are to continue as auxiliaries to the Bureau, the State should either assume all expense in connection with the offices, or make it obligatory upon the city governments to do so.

The superintendents of the "Free Public Employment Offices" are required by law to report to this Bureau on Thursday of each week the work done by them during the preceding week.

The reports commence with the appointment of superintendents, and are here given as reported weekly.

"Situations wanted," means those wanting work to do.

"Help wanted," refers to employers wanting employes.

"Positions secured," indicates the number who have secured work through the offices.

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Report of Toledo office from June 26, 1890, to January 1, 1891.

For the week.	Situations wanted.		Help wanted.		Positions secured.	
	Males.	Fem.	Males.	Fem.	Males.	Fem.
June 26 to July 3	63	19	127	15	25	3
July 3 to " 10	57	10	26	15	26	2
10 to " 17	28	7	39	25	11	5
17 to " 24	39	14	56	37	26	11
24 to " 31	76	20	201	26	35	13
31 to Aug. 7	68	24	97	37	48	32
Aug. 7 to " 14	56	16	104	43	42	12
14 to " 21	85	18	147	110	50	15
21 to " 28	91	41	108	65	78	20
28 to Sept. 4	93	30	138	39	66	16
Sept. 4 to " 11	82	32	116	57	54	24
11 to " 17	76	23	145	51	40	15
17 to " 25	91	34	185	36	78	22
25 to Oct. 2	84	37	171	39	65	29
Oct. 2 to " 9	136	31	196	40	93	24
9 to " 16	106	42	195	45	89	28
16 to " 23	106	23	139	50	84	26
23 to " 30	95	30	91	38	45	19
30 to Nov. 6	94	35	70	30	46	20
Nov. 6 to " 13	90	23	100	30	45	15
13 to " 20	90	32	66	46	40	23
20 to " 27	75	21	79	38	51	23
27 to Dec. 4	67	26	62	21	23	19
Dec. 4 to " 11	84	34	65	26	58	21
11 to " 18	106	27	35	32	29	17
18 to " 25	98	25	28	31	29	14
25 to Jan. 1	82	13	37	27	32	10
	116	32	32	34	16	13
Totals	2334	719	2885	1083	1329	497

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Report of Dayton office from June 30, 1890, to January 1, 1891.

For the week.	Situations wanted.		Help wanted.		Positions secured.	
	Males.	Fem.	Males.	Fem.	Males.	Fem.
June 30 to July 10	22	5	139	23	3	0
July 10 to " 17	36	9	38	16	9	5
17 to " 26	58	15	179	31	16	9
26 to Aug. 1	117	29	56	25	14	3
Aug. 1 to " 8	146	35	28	42	10	20
8 to " 15	153	41	52	34	27	16
15 to " 21	106	28	57	29	36	16
21 to " 29	192	53	44	30	23	13
29 to Sept. 5	109	49	60	50	30	25
Sept. 5 to " 11	120	38	125	70	15	14
11 to " 19	155	73	50	60	23	32
19 to " 26	90	39	134	21	16	22
26 to Oct. 2	112	41	24	29	12	19
Oct. 2 to " 9	129	43	59	29	21	10
9 to " 16	150	60	46	50	23	24
16 to " 23	127	54	42	56	7	23
23 to " 30	183	40	36	21	54	16
30 to Nov. 6	114	63	21	28	9	11
Nov. 6 to " 13	136	56	28	46	13	19
13 to " 20	133	46	13	34	9	18
20 to " 27	114	51	52	27	10	16
27 to Dec. 4	111	59	9	19	6	22
Dec. 4 to " 11	97	61	29	20	6	15
11 to " 17	108	38	3	31	3	27
17 to " 24	63	28	0	17	1	10
24 to Jan. 1, 1891	63	32	29	40	3	13
Totals	2944	1083	1384	878	399	418

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Report of Cleveland office from July 1, 1890, to January 1, 1891.

For the week.	Situations wanted.		Help wanted.		Positions secured.	
	Males.	Fem.	Males.	Fem.	Males.	Fem.
July 1 to July 15	155	22	220	19	37	9
15 to " 24	39	21	304	12	25	7
24 to " 31	114	25	217	18	55	18
31 to Aug 7	81	14	79	14	56	14
Aug. 7 to " 14	139	47	195	65	105	31
14 to " 21	101	53	94	36	64	35
21 to " 28	124	64	100	59	88	36
28 to Sept. 4	110	57	136	44	80	43
Sept. 4 to " 11	145	53	157	80	85	43
11 to " 18	116	66	300	98	75	49
18 to " 25	68	50	265	61	61	37
25 to Oct. 2	85	54	243	52	56	45
Oct. 2 to " 9	75	55	280	56	51	38
9 to " 16	111	49	127	71	71	37
16 to " 23	128	67	100	51	82	41
23 to " 30	78	57	64	47	54	34
30 to Nov. 6	130	53	50	59	50	31
Nov. 6 to " 13	97	42	40	43	40	33
13 to " 20	105	67	45	75	45	50
20 to " 27	97	76	58	58	50	46
27 to Dec. 4	84	48	54	41	43	27
Dec. 4 to " 11	53	69	27	52	26	52
11 to " 18	93	53	10	44	10	33
18 to " 25	63	29	12	32	12	18
25 to Jan. 1, 1891	132	86	12	44	12	40
Totals	2523	1277	3189	1231	1333	847

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Report of Cincinnati Office from July 25, 1890, to January 1, 1891.

For the week ending	Situations wanted.		Help wanted.		Positions secured.	
	Males.	Fem...	Males.	Fem...	Males.	Fem...
July 31, 1890	396	184	148	145	139	115
Aug. 7	308	85	132	109	68	56
14	307	106	176	63	95	50
21	471	80	160	101	89	63
28	361	85	184	115	124	34
Sept. 4	292	76	191	143	132	37
10	233	80	179	180	98	48
17	178	45	152	206	93	42
24	235	112	149	236	93	61
Oct. 1	194	52	217	244	99	46
8	201	55	153	171	104	37
15	111	55	60	85	39	25
22	195	79	128	123	97	66
29	162	95	112	127	91	50
Nov. 5	173	77	166	93	95	73
12	163	75	118	98	82	39
19	154	104	78	134	73	71
26	124	74	72	91	33	39
Dec. 3	100	66	43	71	39	45
10	105	57	55	68	50	34
17	117	71	50	80	39	33
24	104	54	48	47	36	23
31	79	51	32	57	22	39
Totals	4763	1818	2803	2787	1830	1126

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Report of Columbus Office from September 2, 1890, to January 1, 1891.

For the week.	Situations wanted.		Help wanted.		Positions secured.	
	Males.	Fem.	Males.	Fem.	Males.	Fem.
Sept. 2 to Sept. 11	259	63	171	77	58	25
11 to " 18	115	47	93	53	52	27
18 to " 25	155	57	79	34	83	27
25 to Oct. 2	128	52	166	55	71	36
Oct. 2 to " 0	136	55	194	51	63	51
9 to " 16	108	36	84	47	39	46
16 to " 23	121	63	63	136	58	33
23 to " 30	163	37	62	22	46	43
31 to Nov. 7	61	54	82	34	28	41
Nov. 7 to " 14	100	36	37	28	37	28
14 to " 21	116	37	43	37	36	37
21 to " 28	71	36	15	23	29	24
28 to Dec. 5	94	24	27	16	29	16
Dec. 5 to " 12	119	40	15	24	16	21
12 to " 19	97	41	14	32	15	32
19 to " 26	57	12	30	25	10	16
26 to Jan. 1, 1891	65	20	17	28	14	22
Totals	1965	710	1192	722	684	525

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The total number of persons wanting situations was 20,136, and of this number 14,529 were males and 5,607 females.

The total number of employes wanted by employers was 18,154, and of this number 11,453 were males and 6,701 females.

The total number of persons having secured situations through the offices was 8,982, and of this number 5,575 were males and 3,407 females.

The amount of "help wanted" was 90.2 per cent of "situations wanted."

"Positions secured" was 49½ per cent of "help wanted."

"Positions secured" was 44.6 per cent of "situations wanted."

From the fact that offices had to be rented and furnished, and that there was no money for advertising purposes, the work done by the "free public employment offices" during the short time reported is creditable alike to the officials in charge of the offices and to the state.

The entire cost connected with the offices up to January, 1891, will not exceed $5,000.

If the 8,982 persons who secured work through the "free public employment offices" had obtained employment through the private employment agencies, it is fair to assume that the cost of such services would have averaged $3 per capita for males and $1 for females, or a total of $20,132, and by deducting from the latter sum the cost of maintaining the "free public employment offices" there is a balance of $15,132, which has been saved to the willing yet poor and needy working men and women by the state law.

This saving in dollars and cents may appear large in the eyes of those not familiar with the patronage given to employment agencies, but as there are at least twelve well-known private employment agencies now running in the cities in which the "free" offices are located, and as many more scattered over the smaller cities of the State, it is evident that nearly one hundred persons live and thrive through the profits derived from such private agencies. This would indicate that nearly one hundred thousand dollars is annually spent by working men and women in efforts to secure employment through the assistance of employing agencies, and if this sum can be saved to the honest toilers of Ohio by the expenditure of about ten thousand dollars annually on part of the State for the maintaining of "Free Public Employment Offices," that will be run by officials obligated to make honest and energetic efforts to furnish help to employers of labor, and to aid idle labor in securing honorable employment, it should be done.

The "Free Public Employment Offices" have proved an excellent thing in Ohio, and your Commissioner is of the opinion, should such a law be passed in Missouri, the results would be equally as good. An office of this kind located at St. Louis and Kansas City could be run at an expense of not exceeding $2,500 a year each, and would not only be the means of saving the working people a great many thousand dollars per year, but would furnish them with information that could be relied upon. The following gives details in regard to the labor agents of St. Louis and Kansas City:

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ST. LOUIS.

LABOR AGENCIES FOR MEN.

George A. Lewis is the owner of the labor agency at 319 south Market street. The room called office is in the rear of a saloon, the latter of the kind and description that are usually frequented by laborers alone.

The agent states that he has some 500 applications a week from laborers for all kinds of work, mostly, however, for railroad and quarry work. He is able to secure work for some 50 men a week.

Employers, as a rule, are not charged for being supplied with laborers. All charges are laid on the men who apply and are provided with work. Charges are $1 and $2.

Agent has been in business in the present place for eleven years. He claims that he conducts his business in a fair, honest way. There is entered in the books of the Court of Criminal Correction, under date of September 27, 1890, the following charge:

"That George A. Lewis, on the 22d day of September, 1890, did unlawfully and feloniously, with intent to cheat and defraud, obtain from William Camp seven dollars lawful money of the United States, by means and by use of a false and fraudulent representation, pretense and statement, and by use of a false and bogus order. On October 8, of the same year, case was laid over to October 22, and from that latter date to October 24; on which day court had to dismiss the case for want of prosecution."

Lewis states that he obtained $7 from the said Camp—$1.50 being his fee and $5.50 the railroad fare. The man was hired to do general work, and afterward he demanded of the contractor a position as cook, which he did not obtain. Thereupon he returned to the agent and demanded his money back. When this was refused, he swore out a warrant charging Lewis with fraud. The police say that this charge could have been sustained, but that plaintiff, who had no means, could not wait in the city until trial.

The location of the agency is decidedly objectionable. The proprietor claims that some 500 men per week, or 26,000 per year, apply at his office for work. All these men have to pass through his saloon. It is suggested by reliable persons that the saloon business is the principal and most profitable business done by the agent; that he advertised for laborers when he had no orders to fill; that he made the men believe that he had work for them in order to gather them around his

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bar and cause them, to spend part or all of the little money they had. This matter was carefully looked into. The advertisement of this agent is almost continuously in the daily papers, but the form of the same changes every day.

On July 16, two men complained at the Four Courts that five of them had been sent down to Bonne Terre to do railroad work, had paid $1.50 each to the agent, partly as fee, partly to defray railroad transportation, and when they arrived there the contractor declared that he had given no orders to Lewis to send any men. A most careful investigation could not bring to light any fact to corroborate this statement of the two laborers. Lewis produced the letter from John Scott & Son ordering him to send them 20 laborers. The letter was dated July 1, 1891.

The prosecuting attorney of the Court of Criminal Correction, Mr. Estep, stated that during the last six months, some 50 cases had come to his knowledge, where men complained against Lewis. But as a rule, the men had not the means to stay in the city and prosecute the agent. Mr. Estep could not run the city to expense only to see the cases afterward dismissed for want of prosecution.

H. P. Thiele keeps an agency at 321 Walnut street. He states that he has some 600 applications a week from laborers, and is able to secure work for some 100 per week. Employers are charged nothing for being supplied with laborers. For laborers supplied with work, the charge is $1; 50 cents to $1 extra pay is asked when laborers are shipped through other agencies. In most cases the railroad fare is paid by the contractor or railroad that employes the men. But when laborers are plentiful, transportation is charged the men.

This agency is not connected with a saloon. The agent has been established in this business for six years. He states that he has never had any trouble with the courts, that he transacts his business in a fair and honest way. There is entered in the Court of Criminal Correction of this city, a charge against H. P. Thiele of date May 7, 1891, reading as follows:

"H. P. Thiele on the 7th day of May, 1891, unlawfully and willfully did agree and promise and advertise through the public press to furnish employment and situations to certain persons, and in pursuance of such advertisement, agreement and promise, did unlawfully and willfully receive a sum of money, to wit, *twenty* dollars, from one Thomas Berlin, and did unlawfully and willfully fail to procure for said Thomas Berlin an acceptable situation and employment, and did unlawfully and willfully fail and refuse to return the said twenty dollars to said Berlin after said Berlin demanded the same."

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Court decision on June 23 inst.:

"Defendant pleads not guilty. Tried by court. Defendant adjudged guilty; sentenced to pay a fine of $50 and costs. Motion filed for a new trial was overruled on July 26th. Defendant paid back to two of his victims—namely, Thomas Berlin and John Eagel—the unlawfully obtained money ($20), and execution was stayed on promise of good conduct."

The number of victims in this case was five—Thomas Berlin, John Eagel, John Compton, Henry Roper, Wm. Lawcer—each of whom had paid to the agent the sum of twenty dollars. Two of the men were not able to reach the city and prosecute the agent. Three cases were brought before the court, one of which had to be dismissed for want of prosecution.

William A. Mara keeps a railroad labor agency at 612 Walnut street. He states that some 500 men per week, on an average, apply for work, and that he is able to secure work for some 100 per week.

Charges to the men for whom work is provided, from $1 to $2.

Has been established for sixteen years, and has had no trouble with the police or the court on account of the way in which he carries on his business. Inquiries about this place did not reveal any facts that would contradict the agent's statements.

Jerry Dignan keeps an agency at 1206 N. Broadway. His office is on the ground floor of a large boarding-house for workingmen, and in the rear of a saloon. He is not the proprietor of either the boarding-house or saloon, but rents part of the saloon for his office.

This agent states that he has some 300 to 400 applications per week for work, and furnishes employment for some 100 on an average per week. Charges are strictly $1 for the workingmen.

Careful inquiries could not detect any crooked business transaction. At the police headquarters, the name of Dignan had not been heard in connection with complaints from laborers.

There are two more agencies in the city—Price Murray's, at No. 5 S. Sixth street, and Conley's, at 1001 N. Broadway. Both places do a very limited business, not averaging more than 25 men per week supplied with work. The last named place is connected with a saloon.

The following table shows details of the business done by labor agencies in St. Louis:

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Name of agent.	Average number of applications for work	Average number of cases where work is secured	Charges for securing work	Total amount made in a year
Wm. A. Mara	26,000	5,200	$1 to $2	$7,800 00
Geo. A. Lewis	26,000	2,600	1 to 2	4,500 00
H. P. Thiele	31,200	5,200	1 to 2	7,800 00
Jerry Dignan	15,600	5,200	1	5,200 00
Price Murray	2,600	1,300	1	1,300 00
Conley	5,200	1,300	1 to 2	2,250 00
Total	106,600	20,800	1 to 2	30,400 00

But these figures are far from being reliable. The agents hunted for years by the police and detectives, who have been trying to get a case against them, have become extremely suspicious. A simple official investigation, therefore, will not suffice to bring to light any new facts. As to the real business done by the agencies, it can be safely said that the figures in the table above represent only 40 per cent of the exact business done. It must furthermore be stated that when a contractor sends an order for 50 men, say, at least 80 or 100 are sent to his campt.

EMPLOYMENT AGENCIES FOR TYPE-WRITERS AND STENOGRAPHERS.

There are four employment agencies in this city for type-writers and stenographers. Only three of these, however, are regular employment bureaus, and with all but one, the employment bureau is an outcome of the real business of selling type-writing machines.

Wycoff, Seamans & Benedict, 308 N. 6th street, do a big business in selling type-writers, and incidentally serve as an employment agency. They never charge for such services, nor do they charge any one for practicing on their type-writers. The person in charge of the business being acquainted with the needs of the employer who comes here to purchase a machine, and the one who desires to be employed, who comes here to practice on a machine, makes them acquainted with each other, and in this way they serve as an employment agency.

Parker & Ritter, 3rd and Locust street, carry on an employment agency in connection with their other business. They charge nothing for practicing on their type-writers, but usually charge 30 per cent on first month's salary to those obtaining positions through their agency.

Number of applicants per month for positions average 25
Number of positions per month provided for applicants 5

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The St. Louis Type-writers' Exchange, 710 Olive street, has been established for one year. Charges are $10 per month for use of type-writer, together with drilling in short-hand writing, and for position provided, half of first month's salary.

The information given above was obtained from persons who had made application to this exchange for positions. The manager of the bureau refused to give any information whatever, which refusal prevents our stating the number of applicants during the year and the number of positions provided.

Following is a copy of blank to be filled out by person obtaining position:

St. Louis, Mo.....1891.

I hereby agree to pay to the St. Louis Type-writer Exchange, or any of their authorized agents, one-half of my first month's salary derived from any position that I may secure through their influence or information—said commission payable at their office, 710 Olive St., without further notice or demand, as soon as earned by me.

Speed in short-hand.....
Speed in type-writer.....
Name of type-writer used.....
Experience.....
Lowest salary you will accept.....
Do you understand book-keeping or any other profession?.....
.....
.....
.....
.....
.....

When we send you to a position, do not fail to report on the same day what success you have had.

Name.....
Address.....
Age.....

The National Stenographers' Association, 613 Pine street, do an extensive employment business, extending from St. Paul, Minn., to Jacksonville, Fla.

Charges are $1.00 for registering and forty per cent of first month's salary for position provided. For temporary positions of less than one month the fee is ten per cent of the amount earned.

Number of applicants for positions during the past year..... 150
Number of positions provided for applicants during the past year..... 50

Following is a copy of blank to be filled out by persons obtaining positions:

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NATIONAL STENOGRAPHERS' ASSOCIATION.

613 Pine street, St. Louis, Missouri.

QUERIES.

Name. ....
Address .....
System of short-hand used. .... Speed..... .....
Machines used..... ..... Have you machine?.....
Short-hand experience.....
In what lines of business .....
Are you at present employed? ..... At what salary .....
Lowest salary you will accept..... .....
Age..... Are you married?..... .....

RULES.

1. Only thoroughly competent and experienced stenographers are invited to register.

2. Each member of this Association is required to report promptly when referred to a position, and to consider all matters reported to them as strictly confidential.

TERMS.

We charge for our services, 40 per cent of the first month's salary, payable in two equal payments, thirty and sixty days from date position is secured. For a temporary position (less than one month), our fee is 10 per cent of the amount earnod in said position.

AGREEMENT.

I do hereby agree to obey the above rules; also, to make payments when due, and as above indicated' in case I secure a position through said Association.

Signature..... .....

Date..... .....

The hours of stenographers in commercial houses are from 8 to 6.

Hours of stenographers in railroad offices, 8:30 to 5:30.

Hours of stenographers in law offices, 9 to 5.

Salaries of stenographers range from $5.00 to $25.00 per week—those of course having the most experience and being in every other way the most competent, receiving the highest salaries.

FEMALE EMPLOYMENT OFFICES FOR DOMESTICS.

On account of the great number of factories employing female labor, domestics are difficult to obtain, and the demand for domestics is three and four times as great as the supply.

In regard to the factories: As soon as a girl is old enough to do anything to help her family, she is sent to some factory to work. Her wages may be very small, but where there are several or more in a family contributing toward the general support, every little helps. "Once a factory girl, always," is now accepted as almost a truth, because, even should the factory girl ever desire to do household work,

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her ignorance of such work and her utter lack of home training render her unfit to engage in household work, either to her own satisfaction or that of her employer.

But it is seldom that a factory girl has any desire to exchange the factory work for household work. She loves freedom. She knows that she can stop working at a certain time, and that the remainder of the evening is hers; for that length of time she is free. On Sundays, too, she is free.

The wages of domestics in this city are very good—$6, $8, $10, $12, $14, $15, $16 and $18, respectively, for nurse girls, general housework, dining-room work, chamber work, etc.; and for competent cooks, $18 and $20, and sometimes $25 per month, with board and room.

Aside from those employment agencies that are connected with the different institutions in this city, there are, as far as can be ascertained, only ten employment agencies for domestics. Formerly, before factories were so numerous, there were three or four times as many, and all doing a brisk business. Now, half as many as at present exist would be able to do the whole business.

Board at $2.50, $3.00 and $3.50 per week is provided by most of the employment people for those who are waiting for situations.

Gibbons' Employment Bureau, 1519 Pine street, established in St. Louis for 1½ months. During these 1½ months there have been 150 orders for domestics, out of which number 100 orders have been filled.

The manager of this bureau obtains his supply of domestics by advertising in country newspapers—each weekly issue bringing him an average of five answers. For office positions, one advertisement for office work would bring 50 answers.

The domestics obtaining positions through this bureau are charged 25 cents.

The employer is charged $1.00, which being good for six months, entitles the employer to six vacancies (if required) filled during that period without further charge.

Mrs. Mueller, of 1408 Wash street, and Mrs. Kennedy, of 2620 Olive street, both refused to give any information relating to their respective employment agencies.

Mrs. Krenshaw, of 3135 Franklin avenue, has been established for five years, but expects to sell out soon. Does not advertise for her domestics, but after getting one from some country town, depends upon this girl telling her friends about this employment office, and in this way obtains her supply.

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As many as twenty orders per week are received for domestics, but only ten or twelve domestics apply per week for situations. Mrs. Krenshaw has her regular customers whom she supplies at irregular intervals, these intervals depending upon the length of time they may be able to keep their help.

The domestics are charged nothing for situations provided them; their employers are charged $1.

Mrs. Hardy, of 2607 Morgan street, has been established in the employment business for a number of years. Most of her women are veteran domestics from the city, those who are trying to better themselves by changing employers.

Mrs. Hardy says that she charges her patrons whatever she can get out of them—from $2 to $5, and the domestics whatever they please to give—from 50 cents to $2.

This office receives about fifty orders per week and fills about twenty per week.

Mrs. E. Krause, 1116 Chestnut street, has one of the oldest established employment agencies in the city. She advertises in numerous papers, country as well as city. Charges the domestics $1, and her patrons $2 if they live in the city, and more if they live out of town.

There are twelve ladies applying for domestics to every domestic desiring a place. Mrs. Krause fills twenty-five orders per week.

Mrs. Wendermuth, 831 S. 6th street, has been in the business for 16 years. For 14 years was located at 740 S. 7th street.

She has three times as many orders as there are women to fill them. Has 30 and 40 women per month applying for situations where she formerly had 120 and 160. Charges the ladies $2 and the domestics nothing.

Mrs. Wendermuth advertises in the country papers, but can't keep up with the demand. Hundreds of factory girls pass her door every day, but none apply for situations in families.

Mrs. Jacob Christ, 1615 Park avenue, has been in the employment business for 16 years. She advertises for domestics in country papers, and corresponds with postmasters in little country towns. Charges the ladies $2 and the domestics nothing. Has 10 orders for domestics every day and can't fill 20 orders per month.

Mrs. Gross, 630 S. Broadway, has been established for some time, but can no longer make her living at this business. Charges her patrons from $2 to $5 and the domestics $1. Can't give any statement in figures as to the number of orders she receives or fills. Has her regular customers.

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Lewis Employment Co., 319 Market street, has had a female department only for a short time. Charge the patron $1 and applicants for situations 50 cents. Twenty to 25 females per week apply for situations, of which number some make application for factory work and others are girls who desire to work in doctors' and dentists' offices.

Receive 6 and 7 orders per day. Office girls get $4 and $5 per week.

The Cooks' Union is a secret organization numbering 130 members. The object of this Union is to elevate labor and fix the hours of work. They wish to make eligible for situations only apprentices or those who are trained cooks. They require that a cook who is kept at work until 9 o'clock at night be allowed two hours to herself sometime during the day. They also desire to induce their employers to treat them with some consideration and make pleasant homes for them.

Following is table showing extent of business done by seven out of ten of the employment agencies for women.

The agents always charge the employers something, rates ranging from $1 to $5, and sometimes $10, besides incidental expenses:

Name of agency.	Average No. of applicants per week for work.	Estimated No. during the year.	No. of places secured applicants for year.	Average charges for places secured.....	Average amount of fees collected by agent during year from domestics.....
Gibbon.....	24	1,248	832	25	$208 00
Mrs. Kenshaw	11	572	572	.....	.....
Mrs. Hardy.....	20	1,040	1,040	50c to $2 00	1,300 00
Mrs. Krause	25	1,300	1,300	1 00	1,300 00
Mrs. Wendermuth	8	416	416	.....	.....
Mrs. J. Christ.....	5	260	260	.....	.....
Lewis & Co.	23	1,196	1,196	50	598 00
	116	6,032	5,626	75	$3,198 00

The different amounts given in table above do not represent the total amounts collected by the different agents from employes, as there are sometimes incidental expenses charged those securing employment.

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KANSAS CITY.

EMPLOYMENT AGENCIES FOR MEN.

In Kansas City there are three employment agencies that provide employment for both men and women, and six for men alone. Five out of these six, all situated on Union avenue, are in saloons. The male employment agencies, particularly those on Union avenue, have a very bad reputation. Charges are continually being made against them by poor men who have been promised places which they never got, and cheated out of their last cent.

The demand in these offices seems greatest for laborers to work on railroad lines south, west and northwest of Kansas City. Next in demand are hotel help, train agents and farm hands, and, least of all, for those who do clerical work.

The supply of men for all kinds of work, however, is greatly in excess of the demand, the employment agents to the contrary. These agents state that they receive more orders for railroad laborers than they can get men to fill them.

Quite a number of those seeking employment are Kansas City men who have been thrown out of work on account of the present dull times prevailing in the city. But besides the citizens of Kansas City, there is usually a floating population consisting of men from the East, West and Northwest—all of whom are seeking employment. Those from the East have come here thinking they could better their condition, while those from the West and Northwest are returning to the East, having discovered that they could not improve their condition. Many in this way get stranded here, some having spent their last dollar in registering for work in one or more employment offices. Thousands of working men who came to this city during the "boom" and made it their home as long as there was work to do, have left the city within the last two years, and there are many others who can't get away.

All who make application for work are required upon registering to pay a fee, besides which there are usually incidental expenses charged those securing employment. The incidental expenses can be made to amount to considerable. Only about half the number applying for work are able to pay the fee and register.

Following are statements given by employment agents:

Wages for train agents are commissions usually of 20 per cent on sales. Agent is required to leave with employer value of goods in cash, which is returned employe upon quitting service.

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Salaries of hotel clerks range from.....$25 to $50 per month.
For which is charged $2 registration fee.
Salaries of grocery clerks.....$6 to $12 per week.
For which is charged $2 fee.
Salaries of hotel stewards.....$50 to $100 per month.
For which is charged $2 fee.
Salaries of head cooks.....$35 to $150 per month.
For which is charged from $1 to $5 fee.
Salaries of pastry cooks.....$25 to $100 per month.
For which is charged from $1 to $5 fee.
Wages of grooms.....$35 to $50 per month.
For which is charged from $1 to $2 fee.
Wages of teamsters.....$20 per month.
For which is charged $1 fee.
Wages of coachmen.....$25 to $30 per month.
For which is charged $1 fee.
Wages of farm hands.....$20 per month.
For which is charged $1 fee.
Wages of ranch and cattle men.....$20 per month.
For which is charged $1 fee.
Wages of camp cooks.....$30 per month.
For which is charged $1 fee.
Wages of dish-washers.....$15 to $20 per month.
For which is charged $1 fee.
Wages of bar-keepers.....$20 per month.
For which is charged $1 fee.
Wages of laborers.....$1.25 to $1.50 per day.
For which is charged $1 fee.
Free transportation is usually given railroad laborers.

The Canadian Employment Agency, 923 Main street, has been established in this city for three years or more, and secures employment for both men and women.

"Applicants for work in the male department average from 22 to 25 per week, half of whom do not register and pay the fee.

"One-third of the whole number applying for work are applicants for clerical positions.

"Total number of orders per week range from 75 to 87.

"Out of the 15 per week applying for other than clerical work, between 13 and 14 are provided with places.

"Out of the 8 per week applying for clerical work, between 3 and 4 per month obtain positions.

"Most of the employment obtained for applicants is for places outside of the city.

"Registration fee is from $1 to $5 (according to amount of salary expected), which fee entitles applicant to use of office and its privileges for a period of 15 days. Also there are charges for incidental expenses."

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The Kansar City Employment Bureau, or Madam Wright's, 910 Main street, has been established in this city for five years or more. This agency secures employment for both men and women.

According to statements made by the man and woman in charge, the number of men per day applying for work are from 5 to 40, and half the number making application are provided with employment. Most of the places provided are in hotels and restaurants, many of them outside of the city on railroad lines.

Rarely any clerical positions are secured by this agency, though plenty of applicants for the same.

Registration fee, $1 to $5, which is rated according to amount of expected wages. Incidental expenses also considered.

The Austin Employment Agency, 526 Main street, has been established for about five years. This agency also provides employment for both men and women, but pays the most attention to men.

"During nine months of the year, 300 men per week apply for employment, and two-thirds of these are laborers.

"From 60 to 100 per month consist of men seeking clerical work or employment in hotels and on farms and ranches. At present, many of these are Kansas City men, others are from the East and the West. About 165 per year of these applicants are provided with employment. Only half the number of orders received for laborers are filled. During the year, places were provided for about 900 men, most of whom were laborers.

"One dollar and five per cent on first month's salary are the charges for those seeking work. Also charges for incidental expenses."

Clark's Employment Agency, 9 W. Fifth street, was established in this city some fourteen years ago. Places are provided by this agency for men alone.

"About 50 men per day, and most of these laborers, apply for places. Twenty men per month apply for employment as grocery and dry goods clerks, hotel help, etc.

"Fifty places per month are provided for applicants in the city, and about the same number for outside points. Very few places are provided for those seeking clerical work.

"Charges are from $1 to $3 for registering; the rate charged varies according to amount of wages expected. Also charges for incidental expenses."

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EMPLOYMENT AGENCIES ON UNION AVENUE.

The Hopkins Agency, 1010 Union avenue, is for railroad laborers only.

"Can't get all the men they want. Orders are filled for from 100 to 150 men per week. Charges are $1 for places secured."

G. W. Long, 1008 Union avenue, is an employment agency for laborers only. Established seven years ago.

One hundred to three hundred orders per week filled, and most of these for outside places.

Charges for places secured, $1.

Lacey's Labor Agency, 1004 Union avenue, established for ten years, is an agency for laborers only.

From July to December, from 100 to 300 men per week secure employment.

Charges are $1.

W. E Austin & Co., 920 Union avenue, a branch of the employment agency of the same name on Main street. See figures given at main office.

Payne & Co., 918 Union avenue, an agency for laborers. Have railroad orders for more men than they can get. Fill from 75 to 200 orders per week. Charge $1 for place secured

These agencies on Union avenue, together with the one on W. Fifth street, may be all classed together as the worst places in town, where hundreds of men claim they are swindled.

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Following is table showing the figures given by the employment agents in Kansas City:

Name of agency.	Average number of applicants per week for employment..	Estimated number for year....	Number of places secured applicants for year..	Average charges for places secured.....	Average amount collected in fees by agents during the year .....
Canadian.....	25	1,300	764	$3 00	$2,292
Madam Wright's.....	132	6,864	3,432	3 00	10,296
Austin & Co.....	* 300	11,700	9,000	3 00	27,000
Clark's	300	15,600	1,200	3 00	3,600
Hopkins'.....	125	6,500	6,500	†1 00	6,500
G. W. Long.....	200	10,400	10,400	†1 00	2,400
Lacey's.....	200	5,200	5,200	†1 00	5,200
Payne & Co	138	7,176	7,176	†1 00	7,176
Total.....	1,420	64,740	43,672	Av. 2 00	64,464

* 300 per week for 9 months of the year.

† The agents state that they charge $1 fee, but they have been known to charge $5 and more, and they all manage to make out quite a large bill for incidental expenses. If all these extra expenses were added to the usual fee, the total amount collected from working men by employment agencies during the year would double or treble the total amount given above.

EMPLOYMENT AGENCIES FOR WOMEN.

In Kansas City there is one employment agency for women exclusively, and three for both men and women; the remainder are for men alone.

With the exception of the one for women exclusively, they all have a reputation not the best in the world for veracity and conscientiousness.

Many of the women applying for work are sent to houses of ill repute. By one employment agency this is said to be done knowingly, but without the knowledge of the women who are thus disposed of; while with the others it is supposed to be done unwittingly. These other agencies profess to being careful not to send them to places of ill repute that are known to be such by the public in general; but with the exception of the one mentioned, none of these employment agencies will risk losing a single fee by bothering to inquire into the character of the people to whom they send the women who apply to them for work.

From the figures given by the employment agents, it would seem that the supply of girls is greatly in excess of the demand. And yet,

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there is the same old cry, among those requiring help, that it is a difficult matter to obtain competent help. There is quantity, but as usual, not quality. Incompetency among those applying for work is the rule, the affliction of all housekeepers. As one girl explained matters, "It is not hard for girls to get places nor for ladies to get girls; but the trouble is for the girls to please the ladies and the ladies to please the girls." The requirements of domestics are numerous: they want to do only a certain part of the work; they are very particular as to the distance of the house from the business part of town, as to the size of the family, the style of the house, whether modern built or otherwise, etc., etc.

Owing to hard times now prevailing in Kansas City, many ladies who formerly kept two and three domestics are now getting along with only one; and some who required one domestic are now compelled to do their own work.

The greatest demand is for hotel help, much of which is provided for outside points as far south as Mexico, and westward to California. Some of the agencies supply all the help required in the hotels and restaurants along certain railroad lines.

Among the domestics who have worked in some of the largest and best hotels in the city, is a general complaint of the quality of the food they are compelled to eat, as well as the places they have to eat it in.

Excepting occasionally for dry goods clerks, there is no demand for other than domestics, but there are a few applicants for clerical positions. The short-hand colleges and type-writing agencies of Kansas City supply all the stenographers that are in demand.

All nationlities are represented among those applying for work, but the Irish predominate. Many domestics come from the East, expecting better wages in the West. Others are from the surrounding country. A few are factory girls who are out of employment.

Wages of domestics in the city range at $2.50, $3, $3.50, $4, $5 and $6 per week. The highest wages are paid to cooks. Head cooks average $5 per week; $3.50 is the average for general house-work. For places outside of the city, wages are $2.50, $3.50, $4, $5, $6, $7 and $8 per week. The highest wages are paid to cooks on ranches and in hotels. In Montana, head waiters in hotels have received as high as $50 and $60 per month.

Miss Sherwood's Employment Agency, 814 McGee street, is the oldest established agency in this city, and is for women exclusively.

From forty to fifty applicants per day for work, and about thirty orders per day for domestics. About thirty orders per week are filled, half of which are for outside points.

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Charges to employer as well as to domestics, $1 or more, together with incidental expenses—charges depending upon distance from the city and amount of trouble incurred by agent.

The Canadian Employment Agency, 910 Main street, has been established for about three years.

Number of applicants per week for work 35, all of whom are domestics. Only half this number register and pay their fee. About 30 orders per week for domestics, and 16 orders per week filled. Unless the supply registered falls below the demand, only those who have registered are considered when filling the orders. More than half the orders are from places outside of the city.

Registration fee of 50 cents to $1, together with incidental expenses, charged applicant for situation. The fee must be paid in advance upon registering, "which entitles applicant to use of this office and its facilities for procuring situations for a period of fifteen days."

A registration fee of $1 or more, together with incidental expenses, is charged employers for help, "for which we agree to keep them supplied with help for thirty days from date of registry."

The Austin Agency, 526 Main street, has been established for about five yers. Sixty to seventy women per week during nine months of the year apply for situations, and most of these are domestics. From 16 to 18 orders per week for domestics, and the same number of orders filled.

Employers are charged $1, domestics 50 cents for registering. Incidental expenses are always considered.

The Kansas City, or Madam Wright's Employment Agency, 910 Main street, has been established for five or six years.

According to statements given at this place, from twenty to thirty domestics per day, and sometimes not half that number per week, apply for work.

From ten to twenty orders per day for domestics, and sometimes only that many per week.

From ten to twenty orders per week are filled.

Charges to domestics, from 50 cents to $1 and more, together with incidental expenses. Charges vary according to wages received and distance from city.

Charges to employers, $1 and more, according to distance from town, etc., together with incidentals.

Hotel and restaurant keepers are not charged for help provided them, only for incidentals.

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The Y. W. C. A. and the Woman's Exchange have employment bureaus connected with their work for women, but as they are trying to benefit the women and not themselves, they do not desire to be classed with the other employment agencies.

Occasionally, women who are strangers in the city and just arrived at the depot, will, in their ignorance, apply for work at the employment agencies opposite the depot on Union avenue. Great are the dangers that these ignorant women encounter in trusting themselves to the guidance of some of these agents, whose reputations are far from good. Reports of the fate of some of these women are terrible if true.

Following is table with figures given by the agents, showing amount of business done by the employment bureaus for women.

All these agents charge the employers as well as the employes a fee, which ranges from $1 to $5, together with incicidental expenses:

Name of agency.	Average No. of applicants per week for work..	Estimated number during the year.....	Number of places secured applicants for year..	Average charges for places secured.....	Average amount in fees collected by agent during the year.....
Miss Sherwood's.....	270	14,040	1,560	$2 00	$3,120 00
Canadian.....	35	1,820	832	75	624 00
Austin *.....	65	2,535	663	50	331 50
Wright's.....	83	4,316	780	2 60	2,028 00
Total.....	453	22,711	3,835	$1 46+	$6,103 50

Miss Sherwood's receipts are not really as shown by the figures, as one domestic may try three or four places in one week before she is satisfied, but pays only one fee. This is also true of the other agencies, though should the incidentals that these others charge be added to the figures given above, the total amount collected by them from domestics would be increased considerably.

Leaving out Miss Sherwood, these employment agents have been known to keep the fee whether or not the domestics were provided with places.

* 65 per week during nine months of the year.

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EMPLOYMENT AGENCIES FOR STENOGRAPHERS.

In Kansas City there are apparently no regular employment agencies for stenographers. But positions are provided by the type-writing agents for applicants who use their machines, and also by the shorthand colleges for pupils who have graduated therefrom. As far as can be ascertained, no charges are made for these services.

In Kansas City there are about 800 stenographers holding positions, seventy-five per cent of whom are women. In the shorthand colleges, seventy-five per cent of the pupils, too, are women.

The demand for lady stenographers and the supply are about the same, but the demand for men stenographers is always greater than the supply; that is, when there is any demand at all.

From figures given by the five type-writing agencies, the total number of applicants per month would average 100, and about 67 per cent of those applying for positions are placed; 75 per cent of the applicants are women.

Out of about 488 shorthand pupils graduating during the past year, from 80 to 90 per cent obtained positions. All of these, however, were not placed in the city; probably 20 per cent of those obtaining positions were placed outside of the city.

ADVERTISEMENTS.

"HELP WANTED."—"SITUATIONS WANTED."

The want advertisements in the daily papers of the large cities furnish some insight into the "supply of" and "demand for" labor. An investigation of this kind has been carried on by the Bureau for a period of six months, beginning with April 1, and ending September 30, 1891. The "Help wanted" and "Situations wanted" have been carefully taken from seven of the large daily papers of the State, three located at St. Louis, two at Kansas City, and two at St. Joseph. These advertisements have been classified with reference to occupations, and results are given in the following tables:

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ST. LOUIS.

	Help wanted	Situations wanted	Excess of help over situations wanted	Excess of situations wanted over help	Ratio of supply to demand
Paper No. 1, book-keepers	15	67			
Paper No. 2, "	219	857			
Paper No. 3, "	65	158			
Total	299	1,082	.....	783	3.61
Paper No. 1, boys	506	52			
Paper No. 2, "	2,011	47			
Paper No. 3, "	1,461	287			
Total	3,978	386	3,592	.....	.009
Paper No. 1, Cooks	1,458	64			
Paper No. 2, "	3,904	720			
Paper No. 3, "	1,876	31			
Total	7,238	815	6,423	.....	.011
Paper No. 1, domestics	3,223	101			
Paper No. 2, "	10,992	841			
Paper No. 3, "	6,012	416			
Total	20,227	1,358	18,869	.....	.006
Paper No 1, dressmakers & seamstr's	517	17			
Paper No. 2, " "	2.103	308			
Paper No. 3, " "	2,011	334			
Total	4,631	659	3,972	.....	.014
Paper No. 1, miscellaneous	3,287	143			
Paper No. 2, "	10,807	2,728			
Paper No. 3, "	6,032	926			
Total	20,126	3,797	16,329	.....	.018
Paper No. 1, clerks and salesmen	756	243			
Paper No. 2, " "	4,406	1,911			
Paper No. 3, " "	1,099	573			
Total	6,261	2,721	3,534	.....	.043
Paper No. 1, laborers	3 575	183			
Paper No. 2, "	40.329	280			
Paper No. 3, "	9,114	203			
Total	53,018	666	52,352	.....	.001
Paper No. 1, compositors	39	5			
Paper No. 2, "	60	17			
Paper No. 3, "	11	6			
Total	110	28	82	.....	.025

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ST. LOUIS—Continued.

	Help wanted	Situations wanted	Excess of help over situations wanted	Excess of situations wanted over help	Ratio of supply to demand
Paper No. 1, barbers	61	3			
Paper No. 2. "	295	4			
Paper No. 3. "	286	4			
Total	642	11	631	.....	.001
Paper No. 1, tailors	75	1			
Paper No. 2, "	197	8			
Paper No. 3, "	79	0			
Total	351	9	342	.....	.002
Paper No. 1, painters	85	1			
Paper No. 2, "	152	13			
Paper No. 3, "	469	3			
Total	706	17	689	.....	.002
Paper No. 1, house-keepers	14	45			
Paper No 2, "	159	369			
Paper No. 3, "	103	254			
Total	276	668	.....	392	2.31
Paper No. 1, stenographers	25	38			
Paper No. 2, "	511	369			
Paper No. 3, "	90	183			
Total	626	590	36	.....	.094
Paper No. 1, pressers	18	1			
Faper No. 2, "	23	1			
Paper No. 3, "	30	1			
Total	71	3	68	.....	.004
Paper No. 1, laundresses	91	15			
Paper No. 2, "	739	292			
Paper No. 3, "	510	349			
Total	1,340	656	684	.....	.048
Paper No. 1, paper hangers	43	0			
Paper No. 2, " "	585	5			
Paper No. 3, " "	188	0			
Total	816	5	811	.....	.0006
Paper No. 1, nurses	131	14			
Paper No 2, "	945	317			
Paper No. 3, "	592	111			
Total	1,668	442	1,226	.....	.026
Grand total	122,384	13,919			

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KANSAS CITY.

	Help wanted	Situations wanted	Excess of help wanted over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand
Paper No. 1, book-keepers	69	364			
Paper No. 2, "	18	376			
Total	87	740	.....	653	8.50
Paper No. 1, boys	146	155			
Paper No. 2, "	38	86			
Total	184	241	.....	57	1.30
Paper No. 1, cooks	323	265			
Paper No. 2, "	72	55			
Total	395	320	75	.....	0.81
Paper No. 1, domestics	1,094	713			
Paper No. 2, "	601	182			
Total	1,695	895	800	.....	.052
Paper No. 1, dress M. and S	249	813			
Paper No. 2, " "	122	67			
Total	371	880	.....	509	2.10
Paper No. 1, miscellaneous	3,095	1,636			
Paper No. 2, "	1,060	798			
Total	4,155	2,434	1,721	.....	.058
Paper No. 1, clerks	709	343			
Paper No. 2, "	741	375			
Total	1,450	718	732	.....	.049
Paper No. 1, laborers	13,494	96			
Paper No. 2, "	813	7			
Total	14,307	103	14,204	.....	.0007
Paper No. 1, compositors	33	42			
Paper No. 2, "	11	69			
Total	44	111	.....	67	2.52
Paper No. 1, barbers	299	7			
Paper No. 2, "	82	9			
Total	381	16	365	.....	.004
Paper No. 1, tailors	168	10			
Paper No. 2, "	25	3			
Total	193	13	180	.....	.006

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KANSAS CITY—Continued.

	Help wanted	Situations wanted	Excess of help wanted over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand
Paper No. 1, painters	46	7			
Paper No 2, "	8	1			
Total	54	8	46	.....	.014
Paper No. 1, house-keepers	32	390			
Paper No. 2, "	5	197			
Total	37	587	.....	550	1.58
Paper No 1, stenographers	59	378			
Paper No. 2, "	39	375			
Total	98	753	.....	655	7.67
Paper No. 1, pressers	2	0			
Paper No 2. "	1	0			
Total.	3	0	3		
Paper No. 1, laundresses	117	105			
Paper No. 2, "	27	26			
Total	144	131	13	.....	.090
Paper No. 1, paper-hangers	12	6			
Paper No. 2, "	19	3			
Total	31	9	22	.....	.025
Paper No. 1, nurses	190	265			
Paper No. 2, "	34	72			
Total	224	337	.....	113	1.50
Grand total	23,853	8,296			

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ST. JOSEPH.

	Help wanted	Situations wanted	Excess of help over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand
Paper No. 1, book-keepers	8	50			
Paper No. 2, "	4	21			
Total	12	71	.....	59	5.91
Paper No. 1, boys	33	15			
Paper No. 2, "	24	0			
Total	57	15	42	.....	.026
Paper No. 1, cooks	323	11			
Paper No. 2, "	162	3			
Total	485	14	471	.....	.002
Paper No. 1, domestics	395	58			
Paper No. 2, "	191	8			
Total	586	66	520	.....	.011
Paper No. 1, dress-makers & seamstr's	307	16			
Paper No. 2, " "	223	0			
Total	530	16	514	.....	.003
Paper No. 1, miscellaneous	1,191	95			
Paper No. 2, "	627	12			
Total	1,818	107	1,711	.....	.005
Paper No. 1, clerks	9,937	143			
Paper No. 2, "	476	19			
Total	10,407	162	10,245	.....	.001
Paper No. 1, laborers	378	4			
Paper No. 2, "	702	0			
Total	1,080	4	1,076	.....	.0003
Paper No. 1, compositors	0	0			
Paper No. 2, "	3	0			
Total	3	0	3	.....	.....
Paper No. 1, barbers	8	3			
Paper No. 2, "	24	0			
Total	32	3	29	.....	.009
Paper No. 1, tailors	228	0			
Paper No. 2, "	237	0			
Total	465	0	465	.....	.....

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ST. JOSEPH—Continued.

	Help wanted	Situations wanted	Excess of help wanted over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand
Paper No. 1, painters	161	1			
Paper No. 2, "	165	0			
Total	326	1	325	.....	.0003
Paper No. 1, house-keepers	2	43			
Paper No. 2, "	10	9			
Total	12	52	.....	41	4.33
Paper No. 1, stenographers	23	69			
Paper No. 2, "	12	12			
Total	35	81	.....	46	2.31
Paper No. 1. pressers	0	0			
Paper No. 2, "	0	0			
Total	0	0	0	.....	0
Paper No. 1, laundresses	36	5			
Paper No. 2, "	27	0			
Total	63	5	58	.....	.007
Paper No. 1, paper-hangers	2	0			
Paper No. 2, "	1	0			
Total	3	0	3	.....	.....
Paper No. 1, nurses	18	20			
Paper No. 2, "	20	3			
Total	38	23	15	.....	.060
Total	15,952	620	.....	.....	.....

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COMPARISON BETWEEN CITIES.

	Help wanted	Situations wanted	Excess of help wanted over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand
St. Louis book-keepers, paper No. 1	15	67			
St. Louis " " No. 2	219	857			
St. Louis " " No. 3	65	158			
Kansas City " " No. 1	69	364			
Kansas City " " No. 2	18	376			
St. Joseph " " No. 1	8	50			
St Joseph " " No. 1	4	21			
Total book-keepers	398	1,893	.....	1,495	4.84
St. Louis boys, paper No. 1	506	52			
St. Louis " No. 2	2,011	47			
St. Louis " No. 3	1,461	287			
Kansas City " No. 1	146	155			
Kansas City " No. 2	38	86			
St. Joseph " No. 1	33	15			
St. Joseph " No. 2	24	0			
Total boys	4,219	642	3,577	.....	.015
St. Louis cooks, paper No. 1	1,458	64			
St. Louis " No. 2	3,904	720			
St. Louis " No. 3	1,876	31			
Kansas City " No. 1	323	265			
Kansas City " No. 2	72	55			
St. Joseph " No. 1	323	11			
St. Joseph " No. 2	162	3			
Total cooks	8,118	1,149	6,969	.....	.014
St. Louis domestics, paper No. 1	3,223	101			
St. Louis " No. 2	10,992	841			
St. Louis " No. 3	6,012	416			
Kansas City " No. 1	1,094	713			
Kansas City " No. 2	601	182			
St. Joseph " No. 1	395	58			
St. Joseph " No. 2	191	8			
Total domestics	22,508	2,319	20,189	.....	.010
St. Louis dress. M. & S., paper No. 1	517	17			
St. Louis " " No. 2	2,103	308			
St. Louis " " No. 3	2,011	334			
Kansas City " " No. 1	249	813			
Kansas City " " No. 2	122	67			
St. Joseph " " No. 1	307	16			
St. Joseph " " No. 2	223	0			
Total dress-makers & seamstresses	5,532	1,555	3,977	.....	.028

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COMPARISON BETWEEN CITIES—Continued.

	Help wanted	Situations wanted	Excess of help wanted over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand
St. Louis miscellaneous, paper No. 1	3,287	143			
St. Louis " " No. 2	10,807	2,728			
St. Louis " " No. 3	6,032	926			
Kansas City " " No. 1	3,095	1,636			
Kansas City " " No. 2	1,060	798			
St. Joseph " " No. 1	1,191	95			
St. Joseph " " No. 2	627	12			
Total miscellaneous	26,100	6,338	19,762	.....	.024
St. Louis clerks & salesmen, paper No. 1	756	243			
St. Louis " " " No. 2	4,406	1,911			
St. Louis " " " No. 3	1,099	573			
Kansas City " " " No. 1	709	343			
Kansas City " " " No. 2	741	375			
St. Joseph " " " No. 1	9,937	143			
St. Joseph " " " No. 2	470	19			
Total clerks and salesmen	18,118	3,607	14,511	.....	.019
St. Louis laborers, paper No 1	3,575	183			
St. Louis " " No. 2	40,329	280			
St. Louis " " No. 3	9,114	203			
Kansas City " " No. 1	13,494	96			
Kansas City " " No. 2	813	7			
St. Joseph " " No. 1	378	4			
St. Joseph " " No. 2	702	0			
Total laborers	68,405	773	67,632	.....	.001
St. Louis compositors, paper No. 1	39	5			
St. Louis " " No. 2	60	17			
St. Louis " " No. 3	11	6			
Kansas City " " No. 1	33	42			
Kansas City " " No. 2	11	69			
St. Joseph " " No. 1	0	0			
St. Joseph " " No. 2	3	0			
Total compositors	157	139	18	.....	.088
St. Louis barbers, paper No. 1	61	3			
St. Louis " " No. 2	295	4			
St. Louis " " No. 3	286	4			
Kansas City " " No. 1	299	7			
Kansas City " " No. 2	82	9			
St. Joseph " " No. 1	8	3			
St. Joseph " " No. 2	24	0			
Total barbers	1,055	30	1,025	.....	.002

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COMPARISON BETWEEN CITIES—Continued.

	Help wanted	Situations wanted	Excess of help wanted over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand
St. Louis tailors, paper No. 1	75	1			
St. Louis " " No. 2	197	8			
St. Louis " " No. 3	79	0			
Kansas City " " No. 1	168	10			
Kansas City " " No. 2	25	3			
St. Joseph " " No. 1	228	0			
Jt. Joseph " " No. 2	237	0			
Total tailors	1,009	22	987	.....	.002
St. Louis painters, paper No. 1	85	1			
St. Louis " " No. 2	152	13			
St. Louis " " No. 3	469	3			
Kansas City " " No. 1	46	7			
Kansas City " " No. 2	8	1			
St. Joseph " " No. 1	161	1			
St. Joseph " " No. 2	165	0			
Total painters	1,086	26	1060	.....	.002
St. Louis house-keepers, paper No. 1	14	45			
St. Louis " " No. 2	159	359			
St. Louis " " No. 3	103	254			
Kansas City " " No. 1	32	390			
Kansas City " " No. 2	5	197			
St. Joseph " " No. 1	2	43			
St. Joseph " " No. 2	10	9			
Total house-keepers	325	1,307	.....	982	4.02
St. Louis stenographers, paper No. 1	25	38			
St. Louis " " No. 2	511	369			
St. Louis " " No. 3	90	183			
Kansas City " " No. 1	59	378			
Kansas City " " No. 2	39	375			
St. Joseph " " No. 1	23	69			
St. Joseph " " No. 2	12	12			
Total stenographers	759	1,424	.....	665	1.87
St. Louis pressers, paper No. 1	18	1			
St. Louis " " No. 2	23	1			
St. Louis " " No. 3	30	1			
Kansas City " " No. 1	2	0			
Kansas City " " No. 2	1	0			
St. Joseph " " No. 1	0	0			
St. Joseph " " No. 2	0	0			
Total pressers	74	3	71	.....	.004

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COMPARISON BETWEEN CITIES—Continued.

	Help wanted.....	Situations wanted...	Excess of help wanted over situations wanted	Excess of situations wanted over help wanted	Ratio of supply to demand.....
St. Louis laundresses, paper No. 1.....	91	15			
St. Louis " " No. 2.....	739	292			
St. Louis " " No. 3.....	510	349			
Kansas City " " No. 1.....	117	105			
Kansas City " " No. 2.....	27	26			
St. Joseph " " No. 1.....	36	5			
St. Joseph " " No. 2.....	27	0			
Total laundresses.....	1,547	792	755	.....	.051
St. Louis paper-hangers, paper No. 1..	43	0			
St. Louis " " No. 2..	585	5			
St. Louis " " No. 3 .	188	0			
Kansas City " " No. 1..	12	6			
Kansas City " " No. 2..	19	3			
St. Joseph " " No. 1..	2	0			
St. Joseph " . " No. 2..	1	0			
Total paper-hangers.....	850	14	836	.....	.001
St. Louis nurses, paper No. 1.....	131	14			
St. Louis " " No. 2.....	945	317			
St. Louis " " No. 3.....	592	111			
Kansas City " " No. 1.....	190	265			
Kansas City " " No. 2.....	34	72			
St. Joseph " " No. 1.....	18	20			
St. Joseph " " No. 2.....	20	3			
Total nurses.....	1,930	802	1,128	.....	.041
Total for the three cities	162,190	22,835	139355	.....	.14+

From an examination of the foregoing tables, it will be seen that in St. Louis 299 persons wanted book-keepers, and that 1,082 book-keepers wanted situations; or, the supply was 3.61 times the demand. In the case of housekeepers the supply is 2.31 times in excess of the demand, the figures standing 276 to 668; but in all other cases the demand is far in excess of the supply.

The total for St. Louis shows that in the occupations given, 122,384 persons were wanted, while only 13,919 persons wanted situations. Of course the reader understands that thousands of people in the cities secure positions through their own efforts and those of the labor agents, and that they do not advertise in the papers at all; the foregoing data, therefore, must be considered as a suggestive, rather than a positive value.

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In Kansas City the showing is quite different from St. Louis. In the case of book-keepers, boys, dress-makers and seamstresses, compositors, house-keepers, stenographers and nurses, the supply is in excess of the demand, while in the other occupations the reverse is the case. The supply and demand are much nearer equal in Kansas City than in St. Louis. In St. Joseph there are only three occupations, book-keepers, house-keepers and stenographers, in which the supply is greater than the demand. In the total for the three cities, the supply is only 14 + per cent of the demand, the figures showing that 162,190 advertised for help, and only 22,835 persons advertised for situations.

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MISSOURI'S SURPLUS.

Among other investigations taken up by the Bureau during the present year, and perhaps the one giving the most general information, is that showing the commodities marketed in car-load lots from each county during the year 1890.

For nearly two years the Bureau has been receiving letters from different parts of the United States, requesting information as to what portions of the State are best adapted for raising certain things. Some wish to know the counties best adapted for raising fruit, others the best wheat and corn counties, and the best counties for stock; still others want to go into a good timbered district, and others where coal, lead, zinc and iron could be found.

Your Commissioner thought if an investigation could be made, showing the products of the farm, factory, forest and mine that were marketed in carload lots from the different counties of the State for the past year, it would answer many of the questions referred to. In order to make an investigation of this kind, it was necessary to get from each railroad and river shipping point in the State their out shipments during the year 1890, as the out shipments of a commodity from a point indicate a surplus of that commodity, and the in shipments a want of a surplus; the former are the only ones considered in this investigation.

There are 917 railroad shipping points and 154 river shipping points, or a total of 1,071 places where the surplus commodities are shipped to the various markets of the United States. These 1,071 shipping places are located in 106 counties, eight counties having neither railroad nor river shipping facilities. Of the 917 railroad shipping points mentioned above, there are on the

Missouri Pacific	181	St. Louis, Arkansas & Texas	45
Burlington system	143	Chicago & Alton	41
Atchison, Topeka & Santa Fe system	124	Chicago, Rock Island & Pacific	33
Wabash	72	Quincy, Omaha & Kansas City	23
Kansas City, Fort Scott & Memphis	67	Cape Girardeau & Southwestern	23
Missouri, Kansas & Texas	47	Chicago, Milwaukee & St. Paul	21

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Keokuk & Western	15	Cherry Valley	1
Chicago, St. Paul & Kansas City	14	Burlington & Missouri River	1
Omaha & St. Louis	14	Crystal City	1
Kansas City & Southern	13	Graniteville & Middlebrooke	1
St. Louis & Hannibal	12	Rocky Branch	1
Missouri River & Bonne Terre	12	Williamsville, Greenville & Northern	1
Chicago, Kansas City & Texas	6	Total	917
Kansas City, Ft. Scott & Southern	5		

The shipments from St. Louis and Kansas City are not considered in this investigation, as it was difficult to get them, and there is very little shipped from these cities but what has come originally from some county in the State, and the county has already been given credit for the shipment. Of course these cities are given credit for the shipments of fire-brick, tiling and sewerage supplies, because the raw material is obtained from near the works. The counties adjoining these cities are given credit for the stock driven into the stock-yards, and are also given credit for the grain delivered by wagon to the different flour and grist mills of St. Louis and Kansas City. Other than these, no shipments are considered from these two points.

From an examination of the following tables, it is interesting to note what counties excel in certain commodities. Nodaway county, for instance, marketed more cattle and hogs than any other county in the State. The shipments show that this county during the year 1890 marketed 2,118 cars of cattle. An average of 20 head to the car, or 42,360 head of cattle, at an average value of $40 per head, gives $1,694,400, which this county realized from her surplus cattle. Then the hog shipments of 1,557 cars, with an average of 60 head to the car, gives 93,420 hogs. Suppose they weighed 200 pounds each, at 4 cents per pound, or $8 to each hog, gives $747,360 realized from the surplus hogs. These two items alone make nearly $2,500,000 which was brought into Nodaway county during the year 1890.

The shipments show that Bates county leads in coal, Jasper in zinc, Saline, Lafayette and Franklin in wheat and flour, Saline in horses and mules, Phelps and Pettis in sheep, Pike and Linn in fruit, Marion, Shannon, Wayne, Carter, Stoddard, Cape Girardeau and Butler in lumber and ties, Greene, St. Louis and Marion in lime and cement, Cass and Bates in flax, St. Francois in lead, St. Francois and Washington in cord-wood, St. Francois and Iron in iron, and Scott and Mississippi in watermelons.

As the boat shipments were difficult to reduce to car-load lots, it was thought best to show them just as they were received on board: cattle, hogs, sheep, horses and mules by the head, wheat, oats and corn

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by the sack, apples by the barrel, cotton by the bale, poultry by the coop, etc. Some of the counties therefore will appear twice, one showing railroad shipments, the other boat shipments; and in order to get the surplus for these counties, both shipments must be considered. This is the case with all the Missouri and Upper Mississippi river counties. The counties of St. Genevieve, Perry and Pemiscot have none but river shipments and the counties of Ozark, Taney, Stone, Douglas, Dallas, Hickory, Maries and Cedar have neither railroad nor river shipping facilities, and, as has been stated, will not be considered in this investigation. Much more time and labor was required to get the river shipments than to get the shipments from the railroads; and the shipments on two of the Missouri river boats, the Helena and the Benton, for a period of six months, are not included in the investigation, as the books of both these boats for the above length of time were destroyed and it was impossible to get the information from any other source.

The reader will see by consulting the table, there was shipped during the year 1890, 440,398 car loads of surplus commodities.

Of this number there were of:

	Cars.	Per cent.
Cattle	33,263	7.50
Hogs	32,038	7.25
Horses and mules	3,482	.07+
Sheep	2,496	.05+
Total live stock	71,279	16.20
Wheat	16,814	3.9
Corn	12,366	2.9
Oats	5,354	1.2
Flax	1,945	0.4
Hay	6,899	1.6
Other seed	321	.008
Flour	11,684	2 7
Total grain, flour and feed	55,383	12.0+
Coal	120,499	27.0+
Lead	3,345	0.8
Zinc	4,061	0.9
Iron	18,124	4.2
Total minerals	146,029	33.0+
Ties	19,309	4.5
Lumber	46,909	10.
Fruit	4,793	1.1
Lime	8,788	2.
Cooperage	2,253	0.5
Pressed brick and sewer-pipe from St. Louis and Kansas City	12,379	2.8
Poultry	448	0.001
Miscellaneous	72,823	16.0+

The nature of the miscellaneous shipments will be seen from an examination of the output from each county.

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CAR-LOAD SHIPMENTS OF THE FARM, FACTORY, FOREST AND MINE.

ADAIR COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Coal	Fruit	Lumber	Ties	Poultry	Junk	Miscellaneous	Seed	Logs	Hoops	Total
Wabash railroad—																				
Sublette	29	33	.....	.....	6	5	51	.....	.....	.....	.....	.....	19	.....	.....	.....	5	.....	.....	148
Millard	12	16	.....	.....	.....	9	25	.....	.....	.....	2	2	10	.....	.....	.....	.....	.....	.....	76
Kirksville	40	78	14	13	2	18	43	8	1	.....	23	.....	121	1	.....	88	.....	.....	.....	450
Quincy, Omaha & Kansas City railroad—																				
Brashear	28	34	.....	.....	1	1	23	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	6	7	108
Bullion	14	11	.....	.....	1	27	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59
Kirksville	40	10	18	10	1	14	.....	.....	.....	.....	25	7	.....	2	4	17	.....	.....	66	214
Novinger	.....	1	.....	.....	.....	1	.....	1	.....	107	.....	12	247	.....	.....	.....	.....	.....	.....	369
Stahl	11	7	.....	5	.....	.....	.....	15	3	881	.....	14	677	.....	1	60	.....	.....	.....	1,174
Atchison, Topeka & Santa Fe railroad—																				
Gibbs	13	15	.....	.....	.....	15	7	.....	.....	.....	1	.....	.....	.....	.....	30	.....	.....	.....	86
Totals	192	205	32	28	11	90	155	24	4	488	51	35	1,074	3	5	203	5	6	73	2,684

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ANDREW COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flax	Flour	Meal	Fruit	Poultry	Junk	Miscellaneous	Lime	Rye	Total
Chicago, Burlington & Quincy railroad—																	
Union Star	50	103	1		25	6	2							53		3	245
Helena	31	29	3		1									181			245
Cosby	26	24					2							49			101
Chicago, St. Paul & Kansas City railroad—																	
Cawood	51	30				2	1				6	2	1	3			96
Rea	42	75	5	3		1	16				3		1	37	1		184
Bush Siding		3									1			110			114
Savannah	15	55	2				1		1	7	22	4	1	156	1		265
Schuster														57			57
McDonald											1						1
Dean														49			49
Kansas City St. Joe & Council Bluffs railroad—																	
Amazonia		28			2	1	10				71			104	29		245
Nodaway		6			1		5							195			207
Savannah														66			66
Rosendale	100	208		3		2	32							61		2	408
Bolckow	190	95	3			1	19	1				1		21		1	332
Totals	505	656	14	6	29	13	88	1	1	7	104	7	3	1,144	31	6	2,615

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ATCHISON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Fruit	Lumber	Miscellaneous	Rye	Barley	Mixed livestock	Total
Kansas City, St Joe & Council Bluffs railroad—														
Nishnabotna	20	25			116		4		1	11				177
Langdon	68	68	4	4	224	1	15			138				522
Phelps	45	41		2	133		4	2			1			228
Watson	93	49		18	275		44			18	1	1		499
Fairfax	333	124	3	2	162	3	2	11		6				646
Tarkio	546	194		2	132	1	3	40						918
Westboro					233	5	4			10	1	4	317	574
Northboro		1			16					1				18
Totals	1,105	502	7	28	1,291	10	76	53	1	184	3	5	317	3,582

AUDRAIN COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Broom corn	Flour	Fire brick	Coal	Fruit	Lumber	Iron	Poultry	Junk	Miscellaneous	Lime	Emigrant outfit	Wool	Total
Chicago & Alton railroad—																							
Mexico	75	41	41	35	15			16			55	460											738
Rush Hill	43	33	6	4	15	16	32	7	4	2											2		164
Laddonia	120	155	21	15	2	14	57	7	30									7			3		431
Farber	64		3	1	1	13	25						6					1			1		115
Vandalia	174	176	6	9	1	146	100	2				7	110	2			4	2			7		746
Wabash railroad—																							
Thompson	80	74		5		2									3								164
Mexico	187	155	131	14		30	10	1		3	105	219		3	28	3	21	13	103	48			1,074
Benton City	25	46	3	2	12		9		5						1								102
Martinsburg	42	36		6	1	31	37	1	10										3			1	169
Totals	810	716	211	91	47	252	270	34	49	5	160	686	116	5	32	3	25	23	106	48	13	1	3,703

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BARRY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Cooperage	Flour	Brick	Fruit	Lumber	Ties	Zinc	Iron	Poultry	Junk	Miscellaneous	Posts	Piling	Bran	Sand	Wood	Potatoes	Total
St. Louis & San Francisco railroad—																										
Seligman	9	5	...	3	...	...	...	...	...	7	...	2	16	64	...	...	...	1	...	98	15	3	1	2	...	226
Washburn	7	11	1	6	8	2	1	2	...	...	...	3	35	59	...	...	...	1	70	...	...	...	...	...	...	206
Exeter	47	49	11	19	4	...	2	34	...	6	...	29	5	12	...	1	1	2	2	89	...	...	...	447	10	720
Purdy	16	22	1	10	6	...	3	62	...	2	...	12	...	...	14	...	...	...	5	...	...	...	...	...	...	153
Monett	3	4	6	..	13	...	5	7	31	1	1	9	2	...	...	1	...	1	5	...	...	...	...	...	56	145
Butterfield	..	..	...	..	...	...	..	...	..	...	...	2	14	...	...	...	...	..	...	...	...	...	...	82	...	98
Totals	82	91	19	38	31	2	11	105	31	16	1	57	72	135	14	2	1	5	82	187	15	3	1	531	66	1,548

BARTON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Broom corn	Flour	Meal	Coal	Fruit	Lumber	Ties	Zinc	Poultry	Junk	Miscellaneous	Lime	Emigrant outfit	Mine props	Stone	Sand	Nursery stock	Wood	Total
Missouri Pacific Railroad.— Hannon, Liberal, Irwin, Lamar, Carleton, Minden	108	45	6	4	30	367	24	17	48	1	17	3	5475	4	4	....	27	1	1	57	17	19	5	10	15	1	47	6353
K. C., Ft. S. & M. R. R.—																												
Last Chance	...	...	...	..	.	52	...	...	...	...	...	..	10	...	...	...	...	...	..	9	..	...	...	...	...	...	..	71
Liberal	100	31	1	...	18	238	5	...	...	...	1	...	167	2	...	...	...	1	..	25	..	...	...	...	...	...	...	589
Iantha	101	66		..	34	279	11	...	3	...	19	..			1	...	..		..	1	...	...	...	...	...	...	...	515
Lamar	97	59	27	...	2	205	4	...	30	...	17	..	1	26	...	...	...	10	6	90	.	...	...	...	.	...	...	574
Kenoma	27	21	...	...	3	281	6	3	...	.	2	...	...	...	..	...	...		..	2	.	...	..	...	...	...	...	345
Golden City	206	188	26	..	..	202	19	...	79	...	7			24	.	..	...	5	4	1	...	...	...	...	.	..	...	761
Minden	25	16	...	..		139	1	..	...	...			429	1		1	...		...	33		...	...	...	..		..	645
Totals	664	426	60	4	87	1763	70	20	160	1	63	3	6082	57	5	1	27	17	11	218	17	19	5	10	15	1	47	9653

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BATES COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Broom corn	Flour	Coke	Brick	Coal	Fruit	Lumber	Ties	Can goods	Potatoes	Scrap iron	Poultry	Junk	Miscellaneous	Zinc spelter	Wood	Eggs	Emigrant outfit	Mixed stock	Castor beans	Hides	Total
M., K. & T. railroad—																															
Rockville	74	51	2	4	38	19	18	1	36						28	1	1					2	6								281
Missouri Pac. railroad—																															
Butler	238	232	53		44	25	20	12	77						72	2			4		30	10	1		16	7	7	21			871
Foster	12	17				1	1		22					2,045	3	4											2	8	1		2,116
Ovid														26,693	1																26,694
Rich Hill	59	22	15		27	37	2		3		33	5	12	602	4	22		11	13			9	21	178						1	1,076
Adrian	194	163	14	4	141	63	76	16	140														13								824
Warland														3,026																	3,026
K. C., Ft. S. & M. railr'd—																															
Hume	147	96	3		73	1	9		18				2	247	1		1					4									607
Sprague	67	27	1		14	4	2		15					7,731	4		2			2											7,869
Rich Hill	13	2	2		3	9	2				1		15	228			2					2	23								302
Totals	804	610	90	8	340	159	180	29	311	5	34	5	29	40,572	113	29	6	11	17	2	30	27	64	178	16	7	9	29	1	1	43,666

BENTON COUNTY.

Station.	Cattle	Hogs	Sheep	Corn	Hay	Oats	Wheat	Flax	Brick	Fruit	Lumber	Ties	Junk	Miscellaneous	Lime	Hoops	Wood	Posts	Emigrant outfit	Cooperage	Total
Missouri Pacific railroad—																					
Cole Camp	10	37	5			3	65	1			9	58		1		20	37	4			250
Warsaw	65	93							2	11	49	33			3	7	8	3	4		283
Mora Station	2	71				6				1				1							81
Lincoln	40	127	1	10	20	17	11	31		5	2	61	2				45			33	405
Totals	117	338	6	10	20	26	76	32	2	17	60	152	2	2	3	27	90	7	4	33	1019

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BOONE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Coal	Fruit	Lumber	Ties	Poultry	Junk	Miscellaneous	Sand	Hoops	Emigrant outfit	Total
Wabash railroad—																				
Columbia	193	258	56	15	1			15	131		22		49	7		56				803
Persinger										499							1			500
Browns													4							4
Stephens	23	59	2	6																90
Hallsville	69	87		26							2		1			1				186
Sturgeon	128	55	15	7		7		2	5		2	14	393		1	9		65		703
Centralia	213	208	14	32	1	19	73	10			6	1	13		3	11				604
Chicago & Alton railroad—																				
Centralia	81	7	3	9			14	1						1					4	120
Totals	707	674	90	95	2	26	87	28	136	499	32	15	460	8	4	77	1	65	4	3,010
	Hd.	Hd.					Bu		Lbs		Brls									
By river	19	600					20,586		1,185		3,324		1,718							

BOLLINGER COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Wheat	Lumber	Ties	Spokes	Shingles	Junk	Miscellaneous	Hickory bolts	Shave hoops	Potter's clay	Hub blocks	Mixed stock	Staves	Gravel	Total
Missouri Pacific railroad—																			
Glen Allen	11	5			3		129						5	21	12				166
Lutesville	18	34	1	6	17	6	72	6	1	1	2	2	2	1		21	25	6	221
Cape Girardeau & Southwestern railroad—																			
Greenbrier						40						100							140
Zalma	1	11	1		3	45					25	180							266
Sturdivant						5					4	15							24
Totals	30	50	2	6	23	96	201	6	1	1	31	297	7	22	12	21	25	6	837

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BUCHANAN COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Meal	Brick	Fruit	Lumber	Ties	Scrap iron	Poultry	Junk	Miscellaneous	Lime	Wood	Total
Chicago, Burlington & Quincy—																						
St. Joseph						1				151		58	6	12					29			257
Chicago, St. Paul & Kansas City—																						
St. Joseph	79	121	10	152	764	2	4	82	173	120	60	52	184	21		1	2	11	398	2		2,233
Chicago, Rock Island & Pacific—																						
DeKalb																						
Kenmoor																						
Rushville																						
St Joseph	94	155	69	14	300	8	8	215	1	470			112	280		13	7	6	844	14		2,610
Stockbridge																						
Wallace																						
Winthrop																						
Atchison, Topeka & Santa Fe—																						
Agency Ford	30	35						30		12			2	15	181				26		124	455
Frazier		3						2														5
Kansas City, St. Joe & C. B —																						
Rushville	5	3	4					27					34						35			108
Halls					4			166						1					102			273
Easton		35						23											5		58	121
Saxton								2											10			12
Totals	203	352	83	166	1,068	11	12	547	174	753	60	110	338	329	181	14	9	17	1,444	16	182	6,074

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BUTLER COUNTY.

Stations.	Cattle	Hogs	Corn	Hay	Brick	Lumber	Ties	Baskets	Barrels	Spokes	Hoops	Junk	Miscellaneous	Bolts	Staves	Cotton	Shingles	Piling	Wood	Total
Missouri Pacific railroad—																				
Neelyville		5				184	63					2		94	27	11	4	28	18	436
Harviell						403								44	61			100		608
Hendrickson	1	1		1		8	37			5	3			25						81
Poplar Bluff	4		3		5	515	16	27	24				37		944			192		1,767
Totals	5	6	3	1	5	1,110	116	27	24	5	3	2	37	163	1,032	11	4	320	18	2,892

CALDWELL COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flour	Coal	Fruit	Lumber	Iron	Poultry	Junk	Miscellaneous	Hoops	Eggs	Total
Chicago, Milwaukee & St. Paul railroad—																		
Braymer	198	147	11	4		47	5	1		28		2		4	3			450
Cowgill	121	108	3	6		32				11	1				1	1		284
Polo	82	113	7			20		2		16	2		1	2	3		20	268
Hannibal & St. Joe railroad—																		
Breckenridge	109	71		5		3	4			42								234
Nettleton	48	62		2		6									5			123
Hamilton	144	158	28	1	1	25			1,080	21					72			1,530
Kidder	46	47	4			17	1								6			121
Totals	748	703	53	18	1	150	10	3	1,080	118	3	2	1	6	90	1	20	3,010

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CALLAWAY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Wheat	Flour	Fire brick	Coal	Fruit	Lumber	Ties	Poultry	Junk	Miscellaneous	Lime	Hoops	Stone ware	Common brick	Emigrant outfit	Total
Chicago & Alton railroad—																						
Carrington	6	41		4									131									182
Guthrie	17	54		1	1		1	2		3		6	56			2						143
Auxvasse	36	46	5	10		1					1	1		2	1		235					338
Fulton	20	22	24	18				11	425	20			400	2	13			12				967
Hirbernia	1	1																3				5
New Bloomfield	11	37		1			6				1	2	69					2	4			133
Cedar City	17	22			6		14						21	1						3	1	85
McCredie	136	55	15	24																		230
Totals	244	278	44	58	7	1	21	13	425	23	2	9	677	5	14	2	235	17	4	3	1	2,083
	Hd.	Hd.	Hd.	Hd.			Bu.				Brls.											
By river	14	472	2	14			15,100				319											

CAMDEN COUNTY.

St. Louis & San Francisco railroad—																						
Stoutland	38	33		2			3						2									78
	38	33		2			3						2									78

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CAPE GIRARDEAU COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Mixed grain	Wheat	Lumber and ties	Flour	Flour and meal	Brick	Vegetables and fruit	Lumber	Ties	Shingles	Oats	Scrap iron	Cooperage	Junk	Miscellaneous	Lime	Wood	Spokes	Mixed stock	Hickory bolts	Stone	Posts	Total
Missouri Pacific railroad—																													
Allenville	...	2	...	...	...	...	...	5	...	...	...	...	...	106	7	...	...	...	...	...	1	...	14	13	4	9	59	1	221
Gordonville	...	...	...	...	...	...	...	110	...	8	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	119
White Water	2	3	...	4	...	...	...	17	...	...	...	...	...	28	...	1	...	...	16	...	...	...	...	...	7	10	...	...	88
Delta	8	30	...	...	...	...	...	17	...	...	...	37	...	127	75	...	...	11	189	2	18	12	...	...	...	...	28	...	554
St. Louis, Arkansas & Texas—																													
Delta	...	...	...	...	...	...	12	...	32	...	10	...	5	...	...	...	...	...	...	...	11	...	...	...	...	...	...	...	70
Cape Girardeau & Southwestern—																													
Cape Girardeau	1	...	2	...	2	25	...	...	...	400	...	300	...	...	...	...	2	6	...	3	800	100	...	...	...	...	250	...	1,691
Boyers	...	...	...	...	2	6	...	...	...	...	...	...	...	60	...	...	...		...	2	...	...	50	...	...	...	...	...	120
Delta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	75	...	...	...	...	...	...	...	75
Arbor	...	5	...	...	...	...	...	8	...	...	...	...	...	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	63
Littlefield	...	10	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	42
Neely's Landing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55	...	...	...	...	...	...	...	...	...	...	...	...	...	55
Old Orchard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	...	...	...	...	...	...	...	...	...	...	...	...	...	29
Totals	11	50	2	4	6	31	12	157	32	408	10	338	5	371	166	1	2	17	205	7	905	112	64	13	11	49	337	1	3,327

By boats.	Cattle (h'd)	Hogs (h'd)	Horses and mules (h'd)	Sheep (head)	Wheat (sks)	Flour (barrels)	Bran (sks)	Hides (bundles)	Fruit dried (sacks)	Ties	Potatoes, sks	Poultry (coops)	Eggs (cases)	Lime (brls)	Wool (sks)	Clay (bls)	Lumber (feet)	Peas (sacks)	Clover seed (sacks)
Cape Girardeau	1,097	2,977	259	1,427	2 381	63,262	21,172	6,218	721	346,000	...	1,179	4,230	12,706	497	14,700	47,000	218	137
Bainbridge	47	238	...	87	4,321	...	...	47	86	...	...	93	208	...	42	...	...	21	13
Neely's	699	4,263	...	1,128	6,821	521	...	218	1,185	...	97	428	2,320	...	284	...	...	...	74
Totals	1,843	7,478	259	2,642	13,523	63,783	21,172	6,483	1,992	346,000	97	1,700	6,758	12,706	823	14,700	47,000	239	224

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CARROLL COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flax	Flour	Coal	Fruit	Lumber	Potatoes	Brick	Poultry	Junk	Miscellaneous	Timothy seed	Wood	Hoop-poles	Tobacco	Hides	Sand	Bran	Total
Chicago, Burlington & Quincy R'd—																									
Hale	52	110	2		10	32	17				25					2	3								253
Tina	160	107	5	1		17	12	2									12								316
Bogard	91	86	1	3	1	5	34				6							1	31	6					265
Carrollton	44	9	8			1	10		128		28	6	6	1	6	10					32	6	3		298
Wabash railroad—																									
Miami	18	12	1				45				21						184								281
Wakenda	56	36			2		77				22	153					3								349
Norborne	156	181	12	3	19	86	261		11		5				14	1	41								790
DeWitt	37	48		5			135		41		62	58				4	8								398
Carrollton	117	74	15				27		25		3	187					35								483
Atchison, Topeka & Santa Fe R'd—																									
Bosworth	53	58	1			14	38			39	10	1													214
Carrollton	41	15	1		1	3	16		40	5	31	1					26								180
Newcomb	39	33				1	13										2								88
Norborne	90	36	1	6		18	15				9	1					21								197
Totals	954	805	47	18	33	177	700	2	245	44	222	407	6	1	20	17	335	1	31	6	32	6	3		4,112
			Hd.				Bu.		Sks.															Sks.	
By river			15				990		1,000															219	

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CARTER COUNTY.

Stations.	Cattle	Corn	Hay	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Iron	Miscellaneous	Total
Kansas City, Ft. Scott and Memphis railroad—												
McDonald		1						1,080	25			1,106
Chicopee							1	126	84			211
Hunter		1	1	5	5	4	4	20		5	10	55
Grandin	2							1,996				1,998
Cape Girardeau & Southwestern railroad—												
Elsinora								135			10	145
Hunter								2				2
Totals	2	2	1	5	5	4	5	3,359	109	5	20	3 517

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CASS COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Meal	Fire brick	Coal	Fruit	Lumber	Ties	Canned goods	Cooperage	Posts	Junk	Miscellaneous	Lime	Wood	Logs	Emigrant Outfits	Mixed stock	Stone	Ice	Total
Missouri Pacific Railroad—																													
East Lynne																													
Archie																													
Freeman																													
Lone Tree																													
Strasburg	478	475	31	7	326	151	93	141	208	10	1	73	....	26	6	....	36	3	....	4	32	....	32	7	11	14	1	29	2,195
Harrisonville																													
West Line																													
Gunn City																													
Pleasant Hill																													
K. C., Ft. S. & M. Railroad—																													
Belton	121	19	....	....	8	70	12	53	8	....	....	1	....	....	1	....	....	....	....	....	2	....	....	....	....	....	....	....	295
Raymore	20	46	....	..	55	32	25	27	27	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	233
Pleasant Hill	....	....	....	....	....	3	1	3	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8
Coleman	23	36	....	....	81	34	12	9	11	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	207
Harrisonville	54	59	....	....	30	8	2	5	20	....	....	6	....	5	1	....	....	....	....	....	6	3	....	....	....	....	....	....	199
Daugherty	25	48	....	....	28	39	14	5	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	163
Garden City	117	136	....	....	26	6	25	34	28	..	....	....	....	6	....	....	....	....	....	....	1	....	....	....	....	....	....	....	379
Creighton	49	88	....	....	113	1	25	12	3	....	....	....	....	3	2	....	....	....	....	1	3	....	....	....	....	....	....	....	300
K. C., O. & S. Railroad—																													
Belton	105	45	10	....	12	61	5	12	16	....	....	....	....	11	7	21	....	....	1	1	14	....	....	....	3	....	....	....	324
Peculiar	74	76	....	....	43	83	21	8	11	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	317
Harrisonville	5	11	2	....	3	2	....	1	....	....	....	3	4	1	12	8	....	....	....	4	16	2	12	....	4	....	....	....	90
East Lynne	99	70	..	..	54	7	5	73	28	....	....	....	....	1	....	5	....	....	....	3	6	....	....	....	....	....	....	....	351
Totals	1,170	1109	43	7	779	497	240	383	364	10	1	83	4	55	29	34	36	3	1	14	81	5	44	7	18	14	1	29	5,061

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CHARITON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Meal	Coal	Fruit	Lumber	Eggs	Cider	Sand	Saw-dust	Poultry	Junk	Miscellaneous	Emigrant outfits	Tobacco	Timothy seed	Potatoes	Brick	Tile	Total
Wabash railroad—																												
Triplett	23	24	5	..	....	....	3	67	....	....	....	....	6	8	....	....	....	....	....	....	1	....	19	1	....	....	....	157
Forest Green	10	15	....	....	20	....	....	12	....	....	....	....	4	15	....	....	....	....	....	....	2	....	26	....	2	....	....	106
Cunningham	5	4	....	....	....	14	7	6	....	....	....	....	1	45	....	....	....	....	....	....	2	....	....	....	....	....	....	84
Keytesville	59	46	4	1	....	....	....	10	....	7	....	....	4	9	....	....	....	....	....	2	13	....	24	....	....	....	....	179
Brunswick	25	40	4	5	16	....	6	15	....	30	5	....	41	20	....	....	....	....	....	....	24	....	32	....	10	40	13	326
Dalton	100	91	2	....	100	5	12	199	1	7	....	20	....	6	....	....	....	....	....	2	30	....	50	....	....	....	....	625
Salisbury	136	140	12	5	12	....	....	208	....	56	....	....	48	12	2	4	....	....	3	2	64	4	....	....	....	....	....	703
Chicago, Burlington & Kans. City—																												
Sumner	23	21	....	2	....	....	1	1	....	....	....	....	11	....	....	....	1	2	....	2	4	....	....	....	....	....	....	68
Atchison, Topeka & Santa Fe R. R.—																												
Mendon	104	70	....	3	....	....	28	29	20	....	....	....	10	....	....	....	....	....	....	....	1	....	....	....	....	....	....	265
Rothville	46	27	2	....	....	....	3	....	....	....	....	....	....	7	....	....	....	....	....	....	10	....	....	....	....	....	....	95
Totals	531	478	29	16	148	19	60	542	21	100	5	20	125	122	2	4	1	2	3	8	151	4	151	1	12	40	13	2,608

CHRISTIAN COUNTY.

Stations.	Cattle	Hogs	Sheep	Corn	Wheat	Flour	Meal	Fire-brick	Coal	Fruit	Lumber	Ties	Lead	Zinc	Iron	Poultry	Miscellaneous	Wood	Cotton	Stone	Potatoes	Emigrant outfit	Total
St. Louis & San Francisco—																							
Sparta	4	5	....	....	6	....	....	....	....	....	10	47	....	....	1	....	46	446	3	17	....	....	585
Ozark	47	41	14	1	25	23	1	....	....	9	6	....	2	4	....	....	18	78	....	....	....	....	289
Billings	34	74	8	3	206	....	....	65	3	3	1	....	....	....	....	1	....	2	....	....	3	1	404
Totals	85	120	22	4	237	23	1	65	3	12	17	47	2	4	1	1	64	526	3	17	3	1	1,258

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CLARK COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Other grain	Flax	Flour and meal	Wheat	Coal	Fruit	Lumber	Cooperage	Ties	Miscellaneous	Lime	Wood	Pickles	Total
Keokuk & Western railroad—																					
Alexandria	5	.....	4	.....	68	21	14	8	.....	175	.....	.....	.....	72	134	.....	66	.....	.....	.....	567
Wayland	37	77	.....	2	50	23	51	16	.....	.....	.....	.....	.....	.....	.....	.....	140	.....	.....	.....	396
Clark City	.....	.....	.....	.....	1	.....	7	2	.....	.....	.....	.....	.....	1	2	.....	19	.....	.....	.....	32
Kahoka	18	53	24	1	51	3	146	1	2	.....	.....	.....	.....	6	26	.....	82	.....	.....	.....	413
Medill	14	9	1	.....	1	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	.....	.....	.....	73
Ashton	5	33	.....	.....	15	.....	53	1	.....	.....	.....	.....	.....	2	21	.....	16	.....	.....	.....	146
Luray	4	20	.....	1	4	16	34	2	1	.....	.....	.....	.....	.....	4	.....	12	.....	.....	.....	98
St. L., K. & N. W. R. R.—																					
Alexandria / Gregory	20	2	12	.....	168	3	72	.....	.....	3	84	.....	16	33	17	.....	7	.....	4	26	467
Atchison, Topeka & Santa Fe railroad—																					
Dumas	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	15	.....	.....	15	.....	31	.....	61
Medill	7	4	2	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	19
Revere	8	18	1	3	9	.....	47	.....	.....	.....	4	21	.....	.....	.....	.....	1	.....	2	.....	114
Wyaconda	61	60	.....	2	3	.....	50	.....	.....	.....	.....	1	.....	4	.....	1	31	.....	.....	.....	213
Totals	179	276	44	15	371	66	478	30	3	178	88	22	16	133	204	1	434	.....	37	26	2,599
	Hd.	Hd.	Hd.		Sks.	Bales	Sks.	Wh't sks.										Brls.			
By river	552	63	82	....	1,443	991	2,169	345	.....	....	....	.....	....	.....	.....	.....	133	60			

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CLAY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flour	Brick	Coal	Fruit	Lumber	New cars	Junk	Miscellaneous	Cord wood	Stone	Logs	Potatoes	Willows	Saw-dust	Total
Chicago, Kansas City & Texas Railway company—																						
Linden												1				11						12
Campbell		3					1									1						5
Smithville	68	127		13			7	1			2	4			22							244
North Kansas City																	18					18
Nashua	45	59		3	1	4	3					4										119
Barry	12	29									2	1			1	2	1					48
Wabash—																						
Missouri City	35	75	5	10			30				12	8			3	3	258	10	4	46	1	500
Randolph	2	10			2										20							34
Birmingham							1		20			75	755		10							861
Liberty Landing		3													9							12
Chicago, Milwaukee & St. Paul—																						
Excelsior Springs	26	29		5							8	5		2	40							115
Liberty	27	3	1	7		1		26			6	21			2				1			95
Birmingham					8				31	75					1	2						117
Mosby	37	22	10				2								1	53						125
Hannibal & St. Joseph railroad—																						
Kearney	141	142				2	1								7							293
Robertson	57	11		1						2												71
Liberty	69	97		2			8								70							246
Linderman	8	6			29		8		23						3							77
Randolph	20	1					1								2							24
Totals	547	617	16	41	40	7	62	27	74	77	30	119	755	2	191	72	277	10	5	46	1	3,016
Drive-ins	Hd. 2,500	Hd. 3,000	Hd. 1,973																			

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CLINTON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flour	Meal	Fire-brick	Coal	Fruit	Lumber	Ties	Iron	Poultry	Junk	Miscellaneous	Lime	Wood	Total
Chicago, Rock Island & Pacific railr'd—																					
Cameron																					
Grayson	296	215	13	10	.....	30	4	47	1	2	92	32	51	55	2	1	6	208	8	.....	1,068
Perrin																					
Plattsburg																					
Atchison, Topeka & Santa Fe railroad—																					
Converse	22	13	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	1	.....	7	49
Gower	64	90	.....	2	.....	2	15	.....	.....	.....	.....	5	3	.....	.....	.....	.....	10	.....	174	365
Lathrop	30	18	.....	.....	.....	.....	.....	2	.....	.....	.....	1	2	.....	.....	.....	.....	18	.....	.....	71
Lyon	11	13	.....	.....	2	.....	74	.....	.....	.....	.....	.....	11	.....	.....	.....	.....	1	.....	1	113
Plattsburg	192	20	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	51	269
Hannibal & St. Joseph railroad—																					
Cameron	84	83	23	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	.....	.....	236
Turney's Station	54	46	1	.....	.....	16	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	123
Lathrop	81	115	17	.....	.....	25	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61	300
Holt	62	80	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	146
Hemple	7	16	.....	.....	1	9	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34
Totals	903	709	54	18	3	84	95	49	1	2	92	44	67	59	2	1	6	287	4	294	2,774

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COLE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Tiff	Wheat	Clover-seed	Mill-feed	Flour	Brick	Coal	Fruit	Lumber	Ties	Hoops	Packing-house products	Potatoes	Bridge material	Junk	Miscellaneous	Sand	Wood	Mixed stock	Emigrant outfits	Telegraph poles	Steel	Stone	Total
Missouri Pacific Railroad—																													
Centertown	8	29	...	1	...	...	6	...	...	15	...	...	...	2	1	...	...	...	...	...	...	...	7	31	1	...	...	...	101
Elston	4	10	1	4	...	...	14	...	...	...	...	74	...	4	...	...	...	...	...	...	...	...	38	...	...	...	...	...	149
Scott	1	7	...	...	...	...	4	...	...	...	...	...	2	3	5	...	...	...	3	...	...	...	8	2	...	1	1	1	38
Russellville	9	23	...	6	...	...	44	...	...	5	...	...	...	1	4	2	...	...	...	...	...	...	25	17	1	8	...	...	145
Jefferson City	45	49	4	2	2	...	183	2	49	438	127	...	...	7	...	...	19	1	...	12	687	2	...	...	...	...	...	...	1,629
Osage	11	44	...	2	...	104	294	...	...	...	...	...	...	50	1324	...	...	...	...	1	...	...	17	32	...	...	...	...	1,879
Totals	78	162	5	15	2	104	545	2	49	458	127	74	2	67	1334	2	19	1	3	13	687	2	95	32	2	9	1	1	3,941
		Head		Head			Bush						Brls.	Feet															
By river		394	...	13	...	...	4,326	...	...	...	...	...	152	6,800															

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COOPER COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Meal	Fire-brick	Coal	Fruit	Lumber	Ties	Cord-wood	Barytes	Iron	Poultry	Junk	Miscellaneous	Lime	Sand	Bran	Emigrant outfits	Stoneware	Logs	Mixed stock	Total
M., K. & T. R. R.—																													
Boonville	7	7	7	....	1	....	1	15	25	2	33	2	105	5	....	....	....	....	....	5	355	....	....	....	....	....	....	....	570
Prairie Lick	....	....	....	....	....	....	....	11	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12
Pilot Grove	27	64	2	3	2	....	....	136	....	....	....	7	15	3	4	....	....	....	....	1	26	....	....	....	....	....	....	....	290
Harriston	3	5	....	....	....	....	1	5	....	....	....	....	2	....	....	....	....	....	....	....	27	....	....	....	....	....	....	....	43
Pleasant Green	14	13	4	....	....	....	3	39	....	....	....	....	....	5	1	....	....	....	....	....	24	....	....	....	....	....	....	....	103
Clifton City	22	22	....	6	....	....	....	18	....	....	....	....	....	10	3	....	....	....	....	....	44	....	....	....	....	....	....	....	125
Missouri Pacific R. R.—																													
Boonville	44	182	6	4	10	....	....	198	72	....	....	30	45	168	....	....	....	....	....	2	60	4	125	11	4	9	27	....	1,001
Blackwater	12	31	....	5	2	....	....	42	....	....	....	....	11	14	29	47	4	1	....	....	....	....	....	1	1	....	....	....	200
Bunceton	110	185	10	14	4	....	13	51	2	....	....	2	....	....	....	5	....	....	2	....	....	....	....	4	3	....	5	29	439
Speed	36	68	1	6	....	....	1	22	....	....	....	5	2	....	....	1	....	....	....	....	....	....	....	....	....	....	5	27	174
Otterville	17	6	....	....	....	1	2	16	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	43
Lamine	5	66	3	....	....	....	....	19	....	....	....	....	2	....	....	....	....	....	....	....	73	....	....	....	....	....	....	....	168
Totals	297	649	33	38	19	1	21	572	99	2	33	46	183	206	37	53	4	1	2	8	609	4	125	16	8	9	37	56	3,168
		Hd.						Bu.	Lbs.					Feet															
By river	....	16	....	....	....	....	....	15,684	29,000	....	....	....	....	9,000	2,872														

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CRAWFORD COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Hay	Oats	Wheat	Pig-iron	Flour	Coal	Fruit	Lumber	Ties	Iron ore	Junk	Miscellaneous	Eggs	Cord wood	Emigrant outfits	Hoops	Pickles	Fire-clay	Total
Cherry Valley railroad—																							
Cherry Valley mines														4,606									4,606
St. Louis & San Francisco—																							
Cuba	38	21	8	15			82		35		18			5	1		3	1	6	10			243
Leasburg	24	1		2		1					5			1							3	27	64
Bourbon	6	11			1		2				1		5		2	7							35
Keysville													12	1									13
Steelville	5		1	2			3																11
Midland							2	628		1	1	1		2,348	3	1		606					3,591
Totals	73	33	9	19	1	1	89	628	35	1	25	1	17	6,961	6	8	3	607	6	10	3	27	8,563

DADE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Corn	Hay	Oats	Wheat	Flax	Flour	Brick	Fruit	Lumber	Lead & zinc	Iron	Junk	Miscellaneous	Lime	Total
Kansas City, Ft. Scott & Memphis railroad—																		
Lockwood	154	122	2	1	154	35		73	6		35	2		4		2		590
South Greenfield	60	100	4			1	69	1	37	2	12		48	1	5	104	105	549
Pilgrim							1									8		9
Everton	30	79		1			38	11	96	1	6	1	24	3	1	47	606	944
Totals	244	301	6	2	154	36	108	85	139	3	53	3	72	8	6	161	711	2,092

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DAVIESS COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Meal	Fire-brick	Fruit	Lumber	Ties	Wool	Stone	Poultry	Junk	Miscellaneous	Lime	Wood	Posts	Sawdust	Staves	Logs	Total
Omaha & St. Louis railroad—																										
McFall	72	188					13	1				6	1					3	3		289					526
Pattonsburg	4							1	1				7				19		2		103					137
Wabash railroad—																										
Carlow	10	20											7	2							85	19	5			148
Lock Springs	1	21			1			2				5	46				1	1	64		50		9	24	4	229
Pattonsburg	99	146	2	6			7	10	4			3	6				4	5	43						3	338
Jameson	89	85	8	3		1	36	3	4			4	4	3			1	1	97							339
Gallatin	4	4	30									2	2		1	2	1									46
Chicago, Rock Island & Pacific R'd—																										
Altamont																										
Gallatin																										
Jamesport	418	313	28	38	17	1	71	3	7	2	22	49	184	5			15	7	904	55						2,139
Wabash crossing																										
Winston																										
Totals	697	727	68	47	18	2	127	20	16	2	22	69	257	10	1	2	41	17	1,113	55	527	19	14	24	7	3,902

DENT COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Oats	Wheat	Charcoal	Lumber	Ties	Iron ore	Junk	Miscellaneous	Pig-iron	Total
St. Louis & San Francisco Railroad—														
Salem	62	31	7	18	1	30		119	105	518	3	244		1,138
Sligo							2		36				784	822
Totals	62	31	7	18	1	30	2	119	141	518	3	244	784	1,960

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DEKALB COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Corn	Hay	Oats	Wheat	Flour	Coal	Fruit	Lumber	Poultry	Junk	Miscellaneous	Rye	Wood	Total
Chicago, Rock Island & Pacific railroad—																	
Amity, Clarksdale, Maysville, Weatherby	243	333	7	56	8	41	14	.....	1	30	3	2	1	119	.....	.....	858
Hannibal & St. Joseph railroad—																	
Osborne	109	79	.....	29	.....	27	.....	35	....	36	....	.....	.....	.....	2	...	317
Stewartsville	42	54	.....	8	.....	14	.....	.....	.....	..	...	.....	....	.....	....	82	200
Totals	394	466	7	93	8	82	14	35	1	66	3	2	1	119	2	82	1,375

DUNKLIN COUNTY.

Stations.	Cattle	Hogs	Sheep	Grain	Lumber and ties	Miscellaneous	Cotton	Cotton seed products	Emigrant outfits	Total
St. Louis, Arkansas & Texas										
Malden	65	26	4	32	96	28	233	247	6	737
Campbell	1	1	.....	1	231	2	14	19	1	270
Totals	66	27	4	33	327	30	246	267	7	1,007

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FRANKLIN COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Stoneware	Fruit-trees	Flour	Meal	Brick	Chair timber	Lard	Fruit	Lumber	Ties	Lead	Mill feed	Iron-ore	Dressed meat	Junk	Miscellaneous	Sand	Mixed stock	Wood	Corn-cobs	Hoop-poles	Iron scrap	Stone	Staves	Tiff	Charcoal	Fire-clay	Emigrant outfits	Props	Gravel	Total
Missouri Pacific railroad—																																							
Berger		15			29			128									2									28													202
Boles	6	5						32								5										2	1			1									52
Etiah					23			27									4										14												68
Gray's Summit	19	13	1		3			42								1										10	137	2	1										229
New Haven	73	60		1	46			209		25	216	24	1			1	5							142							1					10			814
Labadie								11																			18												29
Washington	24	40	12	6	24		1	304	5		114		37		2		3			12		12	1	286		25													908
Pacific					4	1		2					47												1,024			1		10						2		542	1,633
Dundee	13	18	1	1				27								3	1							8						2									74
St. L. & San F. R. R.—																																							
Sullivan	50	38	4	13				62			10					1	3	6	1					80															268
Stanton		1						36									1										70		1										109
St. Clair	3	4		1				56					2					4	4					21					21		11								127
Moselle	3	5	1	1	10			26													68		1	92										7					214
Pacific	1	8			2	4		3			46	2											1	677															744
Robertsville					4			19																129															152
Dry Branch																		27			2						59					31	5	2	96		2		224
St. L., K. C. & C. R. R.—																																							
Villa Ridge	6	16			1			49						18			6	3						9	60		174											73	415
Labadie	10	19			2			47						1										2			18												99
Union	26	33						174															2	38	2		186	2										1,046	1,514
Totals	234	280	19	23	148	5	1	1,254	5	25	386	26	87	19	2	11	25	40	5	12	70	12	5	1,484	1,086	65	677	5	23	13	1	42	5	9	96	12	2	1,661	7,875
	Hd.	Hd.	Hd.	Hd.	Calves (head)			Bu.								Brls.		Feet.																					
By river	63	249		46				3,416								14		3,340																					
Drive-ins	4,602	2,060	368		1,660																																		

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GASCONADE COUNTY.

Stations.	Cattle	Hogs	Sheep	Corn	Wheat	Flour	Meal and bran	Brick	Fruit	Lumber	Ties	Scrap iron	Junk	Miscellaneous	Cooperage	Wood	Mixed stock	Emigrant outfits	Hoops	Wine	Total
Missouri Pacific railroad—																					
Gasconade	5	20	..	40	176	....	....	....	5	....	35	2	....	....	5	2	....	....	....	....	290
Morrison	14	20	1	20	136	....	....	....	....	2	....	1	....	....	....	....	10	2	7	....	213
Hermann	16	68	2	3	325	127	8	5	....	....	15	....	2	87	....	....	....	....	..	11	669
Totals	35	108	3	63	637	127	8	5	5	2	50	3	2	87	5	2	10	2	7	11	1,172

GENTRY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flour	Fire-brick	Fruit	Lumber	Poultry	Junk	Miscellaneous	Wood	Emigrant outfit	Coal props.	Total
Omaha & St. Louis railway—																		
Evona	9	4	1	....	....	....	....	....	....	....	2	....	....	....	213	....	....	229
Darlington	....	....	....	....	....	2	....	....	....	....	....	....	....	2	6	....	....	10
McCurry	9	8	....	....	....	1	....	....	....	....	....	....	....	1	29	....	....	48
Stanberry	165	110	22	7	37	5	....	6	....	3	1	3	44	16	2	....	....	421
Chicago, Burlington & Quincy—																		
New Hampton	114	130	....	9	....	6	....	....	....	....	....	....	....	....	....	....	....	259
Albany	142	139	20	7	....	7	5	1	....	3	....	9	2	3	5	3	3	349
Darlington	22	20	....	....	7	1	1	1	24	2	....	....	1	34	....	2	....	115
Flint	79	36	....	....	15	....	....	....	....	1	....	....	....	....	5	....	....	136
King City	....	....	....	....	20	2	1	....	....	15	....	5	3	24	8	....	1	79
Totals	540	447	43	23	79	24	7	8	24	24	3	17	50	80	268	5	4	1,646

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GREENE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour and mill stuff	Sand and brick	Coal	Fruit	Lumber	Ties	Lead	Zinc	Iron	Poultry	Junk	Miscellaneous	Lime and cement	Wood	Sand	Emigrant outfits	Packing house pro	Total
St. Louis & San Francisco railr'd—																											
Brookline	32	26			9			1					1				2						5				76
Dorchester													13														13
Nichols	20												14								2						36
Springfield	109	62	52	21		1		4		210	3			54				7		27	225						775
Stafford	7	18		5		3		29					4	12							40						118
Republic	53	28		6	21	5	2	59		64			27	3						1	10							279
Galloway	2	9				4		4					1	1	1			1				238	11	101			573
Phelps Ave								37		50				27						1	450	62					627
Buckley				4				1					5								6		268		2		286
Pearl	2	2					1	27					25					1		1			61				120
Willard	21	19				1		7					22								6						76
K. C., F. S. & M. railroad—																											
Ash Grove	30	51	3		5		2	14		88	10	1	8	4		28			2	3	2	863					1,114
Bois D'Arc	14	42			5	4		27					2	1								1					96
Nichols	17	8			1		1														1						28
Springfield	73	33	92		8	6	1	10	2	335	3			10		10			6		291	288				5	1,173
Walnut Grove	25	50						23		2									2		90						192
Phoenix		2																			136	404					542
Totals	405	350	147	36	49	24	7	243	2	749	16	1	122	112	1	38	2	9	10	33	1,259	1,856	345	101	2	5	5,924

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GRUNDY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Iron scrap	Poultry	Junk	Miscellaneous	Hoops	Rye	Wood	Total
Quincy, Omaha & Kansas City R. R.—																					
Gault	58	11	1	1	2	9	.....	.....	.....	.....	2	13	2	.....	3	3	18	....	.....	.....	123
Dunlap	15	13	.....	1	.....	19	.....	.....	.....	.....	.....	13	2	.....	.....	.....	8	2	.....	.....	73
Trenton	29	4	3	1	6	4	.....	10	9	....	5	.....	.....	.....	.....	8	40	.....	.....	.....	119
Chicago, Rock Island & Pacific R. R.—																					
Hickory Creek; Spickards; Tindall; Trenton	241	192	16	17	.....	19	1	12	.....	34	15	8	134	25	2	4	219	....	.....	.....	939
Chicago, Milwaukee & St. Paul R. R.—																					
Gault	20	30	3	4	.....	1	1	7	1	.....	3	8	.....	.....	4	.....	3	4	1	17	107
Laredo	74	67	4	.....	.....	28	3	.....	.....	.....	11	1	.....	.....	.....	1	7	....	.....	.....	196
Totals	437	317	27	24	8	80	5	29	10	34	36	43	138	25	9	16	295	6	1	17	1,557

HARRISON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Rye	Fruit	Lumber	Junk	Miscellaneous	Emigrant outfits	Hoops	Coal props	Millet	Clover seed	Total
Chicago, Burlington & Quincy railroad—																		
Andover	46	35	.....	.....	.....	12	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	96
Blythedale	125	123	9	.....	28	34	.....	.....	13	4	2	.....	2	5	2	.....	.....	347
Bethany	119	143	16	10	2	49	.....	2	.....	....	.....	10	.....	17	.....	.....	3	371
Ridgeway	115	10	6	4	70	64	1	8	18	4	3	36	....	.....	.....	1	....	340
Totals	405	311	31	14	100	159	1	10	32	9	5	46	3	22	2	1	3	1,154

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HENRY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Broom corn	Flour	Meal	Fire brick	Coal	Fruit	Lumber	Ties	Clay	Poultry	Junk	Miscellaneous	Lime	Wood	Stoneware	Salt	Emigrant outfit	Sand	Total
Missouri, Kansas & Texas Railroad—																												
Windsor	179	164	8	9	215	76	50	2	98			1		48	2				1		26							879
Chisman																					11							11
Calhoun	32	27			92	47	10	3	1				4	452	6					1	178							853
Lewis	24	32			21	16								783	1						11							888
Clinton	49	6	25	2	382	112	29	7	30	3	241	27	15	10	13	9	1		6	2	118							1,087
La Due	28	19			182	9	27	5	4	1					4					1								280
Montrose	103	104	9	1	270	44	92	4	59	7					13					2	7							715
K. C., Ft. S. & M. Railroad—																												
Urich	84	132			190	6	125	3	8					1	1	1				1	4							556
Hartwell	12	15			19		1	2						31	1						2							83
Clinton	10	8			260	40	80	5	3		110			172	4					8	35							735
Deepwater	38	22			24	4	3						268	1902		6				1	623							2,889
Kansas City, Osceola & Southern—																												
Blairstown	26	30		9	149	55	69	40	28												1							407
Maurine	81	72			43	90	19	26							1	8				1			10					351
Clinton	85	140	2		6	19	13				12		20			23	2				12	4	10	34	1	1	1	355
Brownington	34	37			18	15	6		10					2100	4			203										2,427
Totals	783	808	44	21	1871	533	524	97	241	11	363	28	307	5449	50	47	3	203	7	17	1,028	4	20	34	1	1	1	12,496

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HOLT COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Fruit (apples)	Lumber	Scrap iron	Poultry	Miscellaneous	Rye	Wood	Merchandise	Total
Burlington & Missouri River railroad—																		
Fortescue	17	13	.....	.....	143	.....	.....	39	.....	1	1	3	.....	.....	2	49	2	270
Kansas City, St. Joe & Council Bluffs railroad—																		
Forbes	11	44	.....	.....	80	.....	2	24	.....	.....	.....	.....	.....	383	1	.....	.....	545
Forest City	69	173	.....	3	72	.....	1	20	.....	73	.....	.....	.....	373	3	.....	.....	787
Naplers	1	1	.....	.....	15	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	22
Bigelow	46	10	1	.....	35	.....	.....	1	.....	.....	.....	.....	.....	28	.....	.....	.....	121
Craig	69	93	.....	1	253	.....	2	16	.....	.....	.....	.....	.....	138	1	.....	.....	578
Corning	18	51	.....	.....	124	.....	1	3	.....	.....	.....	.....	.....	.....	1	.....	.....	198
Mound City	216	256	1	.....	86	1	.....	12	26	17	.....	.....	8	12	1	.....	.....	636
Maitland	512	222	5	.....	8	.....	.....	6	.....	.....	.....	.....	.....	136	3	.....	.....	892
Corning	69	18	.....	.....	124	.....	1	3	.....	.....	.....	.....	.....	.....	1	.....	.....	216
Totals	1028	886	7	4	940	1	7	129	26	91	1	3	8	1070	13	49	2	4,265

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HOWARD COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Wheat	Flour	Meal	Fire-brick	Coal	Fruit	Lumber	Ties	Poultry	Junk	Miscellaneous	Logs	Sand	Wood	Hoops	Tobacco	Total
Missouri, Kansas & Texas—																						
Russell										96												96
Burton	13	22		1		12				1			3	11		32						95
Fayette	97	159	11	17	1	39	64	2	4	1	26	43	9	2	3	37						515
Estill	31	49	1	2		54					36	26	26		1	5						231
Franklin	34	36	2			57					5	10				20						164
Wabash railroad—																						
Glasgow	6	27	2		6	15	89		1			20				13						179
Chicago & Alton railroad—																						
Steinmetz	30	27				10																67
Armstrong	57	66	9	10		100					1		10				43	1	10	3	13	323
Glasgow	20	28	12		1	4	105		96		2	1	38			34	24					365
West Glasgow*	6	8			35	59										5						108
Totals	294	417	37	30	43	350	258	2	101	98	70	100	86	13	4	146	67	1	10	3	13	2,143
		Hd				Bu.					Bbls.	Feet										
By river		207				2,624					8	12,129										

*This should be credited to Saline county.

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HOWELL COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Corn	Hay	Oats	Wheat	Flour	Fire-brick	Fruit	Lumber	Ties	Iron	Poultry	Junk	Miscellaneous	Cotton	Total
Current River and Kansas City, Fort Scott & Memphis R. R —																		
Willow Springs				9	16	1		8	14		3	1				44		96
Hutton Valley							1											1
Mt. View	3	1			1				1		477	99						582
Willow Springs	16	2	1								1,633	105		1	1	19		1,778
Burnham											31	20				5		56
Olden	2		1							2	124					1		130
West Plains	169	33	32		13		2	7			2		258	1	2	1	48	568
Brandsville					5													5
Totals	190	36	34	9	35	1	3	15	15	2	2,270	225	258	2	3	70	48	3,216

IRON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Cut granite	Hay	Rough granite	Wheat	Paving blocks	Paving	Flour	Hides and tallow	Brick	Telegraph poles	Stone	Lumber	Ties	Lead	Granite	Iron	Iron ore	Junk	Miscellaneous	Logs	Wood	Piling	Hoops	Charcoal	Posts	Mixed stock	Total
Missouri Pacific railroad—																															
Arcadia													10			31															41
Annapolis	11	7		2											5	713	4		24	1		1	10			417	10	18	4	10	1,237
Des Arc	10	16				1		1		28						431							9		24	29	14		21		584
Middlebrook												2						1	271			1								8	283
Pilot Knob																				10	2,559	1									2,570
Ironton	6		1								92									1							17				117
Hogan	13	5		2											57	446	8						5		6		3				545
Sabula														2		283	2							1		202			6		446
Graniteville & Middlebrook																															
Graniteville					214		11		268										1,400												1,893
Totals	40	28	1	4	214	1	11	1	268	28	92	2	10	2	62	1,854	14	1	1,695	12	2,559	3	24	1	30	648	44	18	31	18	7,716

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JACKSON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Clay	Flour	Meal	Brick	Coal	Fruit	Lumber	Ties	Mixed stock	Scrap iron	Junk	Miscellaneous	Trees	Emigrant outfit	Wood	Frogs, crossings, etc	Nuts and bolts	Sash-w'ts	Car-wheels	Agric'tural imp'mts	Honey	Bran	Drainage tile	Charcoal	Cooperage	Total
Missouri Pacific railroad--																																			
Greenwood	73	62	1	1	1	4	5	12	3		10				3	3							1												179
Red Bridge	17	5		1		3		4	3															30											63
Manchester							1						71			9					16		3		80	137	9	8	5						339
Martine City	26	19				13	2	30	4							3	3							7									3		110
Lake City	22	38		2		2	1	13							5						2			4											89
Independence	59	40		17	2	21	1	4		286	478		5	1	100	9					9		14							1	142	26		29	1,244
Buckner	22	39		1		3	1	46							9			18					3	3											145
Little Blue	1	1		1				2																50											55
Lee's Summit	184	94	9	14	36	56	30	98	1		13				60	1					3	15													614
Chicago & Alton railroad--																																			
Blue Springs	26	35	1		1	2	7	7			22				20						5			73							37				236
Grain Valley	13	47				1	1	49							2									43							5				161
Independence	30	1	1	34																															66
Oak Grove	23	99	12		69	24	6	30			30																								293
Atchison, Topeka & Santa Fe--																																			
Atherton	53	45						15								1					5		14												133
Sibley	18	21					1	1								3					6		42												92
Courtney		1			2																2														5
Glendale	1	4		3	1			2																2											13
Sheffield	1											180					36		4	4	8														233
Totals	569	551	24	74	112	129	56	313	11	286	553	180	76	1	199	29	39	18	4	4	56	15	77	212	80	137	9	8	5	1	184	26	3	29	4,070
	Hd.	Hd.	Hd.	Hd.																															
Drive-ins	6,000	7,200	2,000	2,000																															

Kansas City shipped in car-load lots of brick and sewer-pipe 1,778 cars.

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JASPER COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Sand	Flour	Zinc spelter	Brick	Coal	Fruit	Lumber	Castor beans	Lead & zinc	Coke	Gravel	Junk	Miscellaneous	Lime	Stone	Mill stuffs & bran	Strawberries	Emigrant outfits	Wood	Ice	Fruit-trees	Can'd goods	Poultry	Ties, posts and piling	Iron	Total
Missouri Pacific— Carthage, Carytown, Webb City, Jasper, Joplin	136	194	19	38	1	83	5	60	15	67	222	13	20	1	19	54	1	1874	5	1462	7	535	273	279	39	4	17	30							5473
K. C., Ft. S. & S— Joplin					1																	18				2			3						24
St. Louis & Southern—																																			
Smithfield						3		10			11																								24
Carl Junction	7	5				2		16			1							66																	97
Joplin											9			1		9		1003			14	47		2											1085
Oronogo						1		14			69							46				661													791
Carthage	6	10	16		1	19		5			957		124		30	1		41			8	218	82	33			12		22		12	11			1561
Reeds	6	3				1		63								1		5										105							184
Sarcoxie	45	24	1	2	1	7	3	169			125				18						3	9	205							12		2			626
Waco						152		9																											161
Webb City								5			7					5		475				43													535
K. C., Ft. S. & M— Belleville																		334														1			335
Joplin	30	43	8								18		28		2	102		508			3	93	4										103	3	945
Webb City													97			1		352																	450
Totals	230	279	44	40	4	268	8	351	15	67	1419	13	269	2	69	173	1	4707	5	1462	35	1624	514	314	39	6	29	135	25	12	12	14	103	3	12,291

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JEFFERSON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Iron	Corn	Hay	Glass	Wheat	Feed	Clay	Flour	Meal	Brick	Zinc	Fruit	Lumber	Wood	Lead	Hoops	Mixed stock	Lime-stone	Junk	Miscellaneous	Lime	Cooperage	Hides	Gravel	Sand	Potatoes	Cement	Milk, gall's.	Total
Iron Mountain & Southern—																																
De Soto	6	11						11			38	1	2			1	18	8				5	80		38	1	190					410
Baily						1											3						2				97	1			54,096	104
Horine	2	3			2	2		4								1	84												1		128,010	99
Kimmswick					1	1		29													60			309							11 377	400
Hematite	2	7				5		11	1		5						33		1	4							52				49,400	121
Pevely	2		1					8														1									129,524	12
Vineland		2				4		8						5	1		24		2	2											144	48
Victoria					1			2		43					1												192	5				244
Silica			1	5		1																7	48					756		28	30,504	841
Sulphur Springs								20																646							21,430	666
Crystal Railroad—																																
Crystal City							211																									211
M. R. & B. T Railroad—																																
Burnside																1	39															40
Oakvale								1																								1
Flucom								15																								15
Plattin								6															1									7
Genevieve								1																								1
Crystal													4																			4
Totals	12	23	2	5	4	14	211	116	1	43	43	1	6	5	2	3	201	8	3	6	60	13	131	955	38	1	531	762	1	23	424,485	3,224

Drive-ins: Cattle, 2,301 head; calves, 1,330 head; hogs, 1,040 head; sheep, 185 head.

Marketed by wagon: Wheat, 218,500 bushels.

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JOHNSON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Rye	Flour	Can'd goods	Brick	Coal	Fruit	Lumber	Ties	Fire-clay	Emigrant outfits	Scrap iron	Poultry	Junk	Miscellaneous	Sand-stone	Mill stuff and bran	Apples	Mixed stock	Straw	Tile	Wood	Total
Missouri Pacific railroad—																															
Centerview	51	90	2	7	87	13	25	108	1	...	10	...	...	...	...	5	...	...	...	...	...	...	...	...	3	4	21	...	...	...	422
Holden	88	95	20	5	241	53	65	232	...	...	26	...	...	...	7	1	...	...	...	...	2	7	...	...	8	...	...	...	...	...	850
Montserrat	54	37	...	9	6	...	...	43	1	...	...	...	61	110	...	...	1	...	...	4	...	2	...	...	...	...	...	2	21	2	353
Knob Noster	85	109	...	...	107	15	23	111	2	2	2	...	4	524	4	4	...	396	2	...	...	2	7	...	...	...	...	3	...	...	1,402
Kingsville	16	49	...	...	54	...	20	74	...	...	19	...	...	...	2	...	...	...	...	...	...	...	29	...	...	...	...	...	...	...	263
Warrensburg	127	224	25	...	66	42	28	66	31	...	77	15	...	...	20	7	...	...	...	5	...	...	17	937	17	...	...	...	...	...	1,704
Totals	421	604	47	21	561	123	161	629	35	2	134	15	65	634	33	17	1	396	2	9	2	11	53	937	28	4	21	5	21	2	4,994

KNOX COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Iron	Poultry	Junk	Miscellaneous	Hoops	Total
Quincy, Omaha & Kansas City railway—																					
Knox	46	75	3	4	...	152	24	13	...	...	...	...	...	...	91	...	1	...	8	33	450
Edina	128	153	40	2	...	34	27	...	6	2	...	...	1	4	...	...	3	...	79	9	488
Hurdland	57	25	...	...	1	23	21	...	...	...	10	...	...	2	...	11	...	1	...	...	151
Atchison, Topeka & Santa Fe—																					
Baring	47	30	3	6	...	...	15	...	...	4	...	15	...	10	3	...	...	...	24	...	157
Hurdland	36	8	2	...	..	2	...	...	...	2	...	1	...	...	..	...	...	...	9	...	60
Total	314	291	48	12	1	211	87	13	6	8	10	16	1	16	94	11	4	1	120	42	1,306

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LACLEDE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Wheat	Flour	Fruit	Lumber	Ties	Iron	Junk	Miscellaneous	Wood	Total
St. Louis & San Francisco—																
Conway	24	25	16	17			56		4	2	11	4	2			161
Phillipsburg	28	22	1	7	1	1	7		15	7	2	3		9		103
Sleeper	9	13		4							6				25	57
Lebanon	46	72	16	6		46	4	114	10	10	28	8	4	74		438
Totals	107	132	33	34	1	47	67	114	29	19	47	15	6	83	25	759

LAWRENCE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Brick	Fruit	Ties	Lead	Zinc	Iron	Poultry	Junk	Miscellaneous	Lime	Potatoes	Can'd goods	Stone-ware	Bran	Sand	Gravel	Total
St Louis & San Francisco railroad—																										
Peirce City	42	63	5	4	4		2	172	411	8	5					2	7		320	25	54	5	85			1,214
Verona	32	52	1					49	218		1	2					1	4								360
Aurora	24	12	1			4		6					52	707			8							113	65	987
Marionville	40	43	1	30	1				187		5						2	17								326
Logan											2				1											3
Totals	138	170	8	34	5	4	2	227	816	8	13	2	52	707	1	2	18	21	320	25	54	5	85	113	65	2,890

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LAFAYETTE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Canned goods	Hay	Oats	Wheat	Hemp	Logs	Flour	Bran	Meal	Brick	Coal	Fruit	Lumber	Ties	Cider	Furniture	Scrap iron	Poultry	Tar	Junk	Miscellaneous	Emigrant outfits	Wood	Mixed stock	Saw-dust	Charcoal	Sand	Paling	Coke	Total
Missouri Pacific railroad— Aullville, Concordia, Napoleon, Myrick, Waverly, Lexington, Higginsville, Wellington, Dover, Waterloo	98	308	21	1	128	17	...	33	568	1	21	582	126	...	9	10,526	191	39	8	3	1	4	...	1	14	51	16	22	21	10	9	14	...	2	12,843
Chicago & Alton railroad																																			
Bates City	86	46	1	14	9	..	...	5	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	68	...	...	...	...	...	...	299
Alma	63	49	1	..	20	...	..	2	125	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	260
Odessa	121	154	39	7	47	...	1	7	91	...	...	13	..	2	...	...	7	8	...	...	...	...	...	...	2	15	...	...	...	...	...	...	...	...	509
Mayview	44	105	...	3	53	...	3	1	53	...	...	..	...	...	...	164	20	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	449
Corder	79	78	...	...	27	...	...	...	119	...	...	5	...	...	1	1,461	12	...	...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	...	1,786
Higginsville	60	72	13	...	42	...	...	...	48	...	...	259	...	10	26	2,352	25	16	...	...	...	...	36	...	24	42	...	..	...	...	...	...	...	...	3,024
Rocky Branch Coal Co. railway— Tabo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,202	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,202
Atchison, Topeka & Santa Fe— Lexington	...	...	...	...	...	...	...	...	...	...	...	16	...	...	...	3	...	...	...	...	...	...	...	...	...	15	...	13	...	...	...	...	...	...	47
Totals	551	812	75	25	324	17	4	48	1,074	1	21	874	126	12	36	16,708	255	58	8	3	1	7	37	1	40	126	16	103	21	10	9	8	6	2	21,419
By river	...	Hd. 34	...	...	...	...	...	...	Bu 1,064	...	...	...	...	...	...	...	Bls 40																		

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LEWIS COUNTY.

Station.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Hoops	Lumber	Ties	Posts	Scrap iron	Poultry	Junk	Miscellaneous	Lime	Wood	Bran	Wool	Logs	Total
St. Louis, Keokuk & N. W.—																							
Canton / LaGrange	72	197	22	2	8	255	84	125	.....	.....	4	....	.....	.....	2	.....	7	.....	31	1	1	.....	811
Quincy, Omaha & K. C.—																							
Taylor	8	18	.....	2	.....	.....	.....	8	.....	.....	.....	.....	....	.....	.....	....	.....	....	8	.....	.....	26	70
Maywood	14	29	.....	...	.....	.....	.....	15	.....	....	3	12	.....	1	.....	.....	2	.....	93	.....	.....	.....	169
Durham	5	35	....	10	.....	....	.....	3	.....	2	2	73	9	.....	.....	....	.....	.....	89	.....	.....	.....	228
Tolona	4	8	.....	.....	.....	1	.....	1	.....	.....	27	30	.....	.....	.....	....	37	.....	.....	.....	.....	.....	108
Lewistown	57	53	.	3	.....	35	25	1	.....	.....	34	15	.....	.....	1	2	3	.....	.....	.....	.....	.....	229
La Belle	121	122	23	20	.....	28	18	28	.....	6	1	.....	.....	.....	8	8	25	13	.....	.....	.....	.....	421
Totals	281	462	45	37	8	319	127	181	.....	8	71	130	9	1	11	10	74	13	221	1	1	26	2,036
	Hd.	Hd	Hd	Hd	Sks.	Bales	Sks.	Sks.	Brls	.....	Feet.				Coops			Brls.					
By river	69	1,074	97	72	212	6,870	5,197	3,842	625	....	20,000	....	.....	.....	3	.....	229	1,931					

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LINCOLN COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Mixed live-stock	Broom-corn	Fruit	Lumber	Ties	Fish	Old iron	Poultry	Junk	Miscellaneous	Straw	Wood	Logs	Chair timber	Total
St. L. K & N. W. Railroad—																							
Dameron																							
Elsberry																							
Hurricane																							
Foleys	61	123	4	12	1	37	1	372	109	.....	31	.....	.....	.....	1	.....	.....	9	37	40	4	.....	842
Winfield																							
Brevator																							
Old Monroe																							
Richfield																							
Hannibal & St. Louis R. R—																							
Whiteside	8	20	.....	2	.....	.....	5	20	37	.....	2	50	43	.....	.....	.....	.....	1	.....	50	.....	.....	238
Silex	49	155	3	5	.....	.....	12	47	.....	1	1	27	114	.....	.....	1	1	4	.....	57	.....	.....	477
Briscoe	12	11	.....	1	.....	1	.....	6	.....	.....	.....	1	50	.....	.....	.....	.....	2	.....	7	9	.....	100
Davis	4	14	.....	1	.....	.....	.....	16	.....	.....	.....	.....	32	.....	.....	.....	1	.....	.....	12	.....	.....	80
Famous	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	5	17	29	.....	.....	.....	.....	.....	.....	6	5	.....	64
Troy	31	33	15	5	.....	2	32	71	.....	4	4	.....	210	.....	.....	3	6	2	.....	.....	46	.....	467
Moscow	18	42	.....	4	.....	.....	5	62	.....	.....	4	1	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	139
Owens	7	10	.....	.....	.....	.....	.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50	49	121
Totals	190	408	22	30	1	40	55	603	147	5	47	96	478	.....	1	4	8	21	37	172	114	49	2,528
By river	Hd. 112	Hd. 673	Hd 23	Hd 33				Bu 1,358			Brls. 231			Brls. 89									

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LINN COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Rye	Oats	Wheat	Flax	Hay	Flour	Coal	Fruit	Lumber	Poultry	Junk	Miscellaneous	Hoops	Wood	Fence posts	Timothy seed	Leaf tobacco	Total
Chicago, Burlington & Quincy railroad—																							
Browning	174	77	6	12		1	7						4			1	4	3					289
Purdin	77	72	3	3			4			8			11	1	1	3	1		50				234
Linneus	110	45	10	1			8						5			3	3			1	1	9	196
Laclede	16	2	1	1	1								4										25
Forker	63	36		1			2	1					5										108
Wabash railroad—																							
Fountain Grove		3					1			3			8				1		1			8	25
Atchison, Topeka & Santa Fe railroad—																							
Bucklin	42	28		1							2	12					10						95
Marceline	48	43	2	1			9				1	461	1	1			16						586
Hanibal & St. Joseph railroad—																							
Bucklin	19	14					1	1			42	2											79
St. Catherine	14	7															4						25
Brookfield	91	68	20		2		26		3								94						304
Laclede													10				10						20
Meadville	88	80	1	8			37																214
Totals	742	475	43	28	3	1	95	2	3	11	45	478	48	2	1	7	143	3	51	1	1	17	2,200

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LIVINGSTON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flax	Flour	Fruit	Lumber	Ties	Millet	Rye	Staves	Junk	Miscellaneous	Lime	Logs	Seed	Wool	Mixed stock	Wood	Hoops	Total
Wabash railroad—																									
Sampsell	9	26								9	2	13							32						91
Chillicothe	9	17	73			34	18		6	23	4	41					138			3	4	9			379
Chicago, Milwaukee & St. Paul railroad—																									
Sturgeo	17	26			1	28	3			17	1						2								95
Chillicothe	41	76	6	9			1	1	58	46	2					6	42	1							289
Dawn	57	63		3	6	14	3			24							8								178
Ludlow	38	76	1	1	3	37	8	3		15	1		2	2			3			1			2	1	194
Chula	50	41				23	2			6				1			2								125
Hannibal & St. Joseph railroad—																									
Wheeling	29	72	3		8	28				19							290								449
Chillicothe	16	8	22		1	3											109								159
Utica	22	8								46															76
Mooresville	20	12													284		7								303
Totals	308	425	105	13	19	167	35	4	64	205	10	54	2	3	284	6	601	1	32	4	4	9	2	1	2,338

McDONALD COUNTY.

Stations.	Cattle	Hogs	Sheep	Hay	Flour	Lumber	Ties	Miscellaneous	Wood	Poles and posts	Saw-dust	Logs	Total
Kansas City, Fort Smith & Southern railroad—													
Wade						125	2		106	214	2		449
Splitlog	19	30	6	1	1	82	9	1	45	66		1	261
Totals	19	30	6	1	1	207	11	1	151	280	2	1	710

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MACON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Coal	Fruit	Lumber	Ties	Junk	Miscellaneous	Hoops	Emigrant outfits	Stone	Tobacco	Wood	Total
Wabash railroad—																					
LaPlata	28	20	12	2		63	10	1			33	4	7	5	2	7	4				198
Atlanta	40	100	5	20		75	10				34				10						294
Excello						2				14,679					3						14,684
Macon City	4	7	24	5		12		4	32		41	11	17		59			1	10		230
Atchison, Topeka & Santa Fe—																					
Oliver		1	1			1	1														4
Elmer	36	25		1							2	37	127		32					2	262
Ethel	56	38	1	2	1			2			2	5	2		6						115
LaPlata	60	73	10	2	2		1	2	1		7	5			246						409
Hannibal & St. Joe—																					
Anabel	22	26				59	1														108
Macon	18	28	10		2					26					88						172
Bevier								1		5,427											5 428
Callao	20	55						18							31						124
New Cambria	33	35						25							34						127
Lingo										1,833											1,833
Totals	317	408	63	32	5	212	23	53	33	21,965	122	62	153	5	511	7	4	1	10	2	23,988

MADISON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Hay	Oats	Wheat	Flour	Meal	Coal	Lumber	Ties	Lead	Junk	Miscellaneous	Cooperage	Emigrant outfits	Paving stone	Staves	Hoops	Sawdust	Total
Missouri Pacific railroad—																						
Mine La Motte		1											218			2	2	20				243
Fredericktown	60	12	6	1	4	2	3	173	4		202			3	32		1		16			519
Marquand	23	16		6			22			9	540	110			3				6	5	2	742
Totals	83	29	6	7	4	2	25	173	4	9	742	110	218	3	35	2	3	20	22	5	2	1,504

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MARION COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flour	Fruit	Lumber	Junk	Miscellaneous	Lime	Mixed stock	Wool	Stoneware	Wood	Total
St. Louis, Keokuk & Northwestern railroad—																		
Helten / Hannibal	14	16	9	2			7			1,026		1						1,075
Missouri, Kansas & Texas railroad—																		
Hannibal	5		3					153	2	2,785		356	391					3,695
Quincy, Omaha & Kansas City railroad—																		
West Quincy					5							1						6
St. Louis & Hannibal railroad		8	4		4		2	106	1	780	4	19	292	8	3	13		1,244
Hannibal & St. Joseph railroad—																		
Hannibal										3,514			1,166					4,680
Palmyra junction	67	83	26	16		1	21					168	108					490
Woodland	5	6					1											12
Ely	6	14		2			4					3					5	34
Totals	97	127	42	20	9	1	35	259	3	8,105	4	548	1,957	8	3	13	5	11,236
By river	Hd. 312	Hd. 1,010	Hd. 119	Hd. 149			Sks. 494	Bls. 393					Bls. 6,535					

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MERCER COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Coal	Fruit	Lumber	Ties	Iron	Poultry	Junk	Miscellaneous	Stone	Total
Chicago, Rock Island & Pacific railroad—																			
Alvord, Mercer, Mill Grove, Princeton	251	195	13	15	1	1	39	2	1	1	46	1	157	11	4	14	187	177	1,116
Totals	251	195	13	15	1	1	39	2	1	1	46	1	157	11	4	14	187	177	1,116

MILLER COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Oats	Wheat	Flax	Hoops	Fruit	Lumber	Ties	Mixed stock	Junk	Tile	Stone	Clay	Wood	Apples	Posts	Total
Missouri Pacific railroad—																				
Aurora Springs	6	14				5				4	19			44	2	1	1	1		97
Eldon	32	38		9				1		1	45						214		15	355
Olean	11	42	2	5	1	13	2	5	1	1	12	17	3	2			171		17	305
Totals	49	94	2	14	1	18	2	6	1	6	76	17	3	46	2	1	386	1	32	757

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MISSISSIPPI COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Corn	Hay	Wheat	Turnips	Flour	Meal	Mixed grain	Fruit and vegetables	Lumber	Poultry	Emigrant outfits	Miscellaneous	Watermelons	Cotton	Cotton-seed	Bran	Baskets	Logs	Total
Missouri Pacific railroad—																						
Bertrand				125		32			3							239	2	3				404
Belmont	1	3	1	15								40										60
Charleston	43	28		166	1	22	1	75	2			207				458			11	6	94	1,114
St. Louis. Arkansas & Texas—																						
Bird's Point	1									49	2	24		1	80							157
Smithton										33		10										43
Hawletts										17	4	23										44
Hanley	1	1								12	14	25										53
Vogleys												35										35
Wards												3			1							4
Whiting												137										137
East Prairie	2	4						3		112	13	11					1					146
Totals	48	36	1	306	1	54	1	78	5	223	33	515		1	81	697	3	3	11	6	94	2,197
By river	Hd. 43	Hd. 131		Sacks. 173,845								Feet. 6,088,000	Coops 50				Bales 50					

MONITEAU COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Logs	Flour	Brick	Coal	Fruit	Lumber	Eggs	Poultry	Junk	Miscellaneous	Mixed stock	Emigrant outfits	Sand	Stoneware	Hoop-poles	Wood	Total
Missouri Pacific railroad—																										
California	50	101	34	23				114			10		5	2	4		13	4		61	5	2	2	2		432
McGirks								32													1				83	116
Moniteau	10	47		8			3	13									1			25	4					106
Tipton	93	135	13	16	2	1	91	53	5	1		1		10		3	3	3	7	90					22	549
Totals	153	283	47	42	2	1	94	212	5	1	10	1	5	12	4	3	17	7	7	176	10	2	2	2	105	1,203
By river	Hd. 13	Hd. 390						Sacks 2,295						Brls. 22												

MONROE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Meal	Fire-brick	Fruit	Lumber	Ties	Poultry	Junk	Miscellaneous	Lime	Total
Missouri, Kansas & Texas railroad—																			
Monroe	20	6		4		14		2	3					1	1			6	57
Clapper	5	11		1										37			25		79
Stoutsville	78	86	2	25			2	44			1		25	55	1	1	70		390
Goss	1	2																	3
Paris	166	83	13	28			1		54	1	1		13	108	7	3	26		504
Holliday	27	42	3	6								2	8	7			13	9	117
Madison	39	30	14	4				2	6				13	9	2	2	42		163
Evansville																	5		5
Hanibal & St. Joe railroad—																			
Monroe	133	172	16	13	9	50		49									12		454
Totals	469	432	48	81	9	64	3	97	63	1	2	2	59	217	11	6	193	15	1,772

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MONTGOMERY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Coal	Lumber	Ties	Mixed stock	Wood	Poultry	Junk	Miscellaneous	Eggs	Hoops	Fruit trees	Flax seed	Fire-clay	Calves	Total
Wabash railroad—																									
Montgomery	150	176	24	7	....	16	38	....	....	31	1	...	133	....	....	....	....	136	....	....	....	....	....	....	712
Wellsville	78	121	20	12	2	....	44	5	..	...	36	....	..	...	...	6	7	4	10	12	...	...	...	...	357
New Florence	20	30	....	5	9	1	10	....	5	....	....	31	12	...	...	....	....	..	...	2	2	...	....	....	127
Jonesburg	50	100	25	2	...	....	13	1	..	....	....	7	2	...	...	....	....	5	...	5	...	5	....	....	215
High Hill	15	12	....	....	1	....	12	5	9	....	..	....	..	18	10	....	1	2	....	....	..	...	69	1	155
Totals	313	439	69	26	12	17	117	11	14	31	37	38	147	18	10	6	8	147	10	19	2	5	69	1	1,566
By river	....	....	....	....	....	....	....	Bush 192																	

MORGAN COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Broom-corn	Coal	Fruit	Lumber	Ties	Lead	Junk	Miscellaneous	Wood	Mixed stock	Emigrant outfits	Total
Missouri Pacific Railroad—																					
Syracuse	13	67	....	1	3	2	15	28	....	1	....	....	16	14	....	....	2	8	....	....	170
Versailles	72	86	7	13	....	1	....	12	3	....	13	4	1	140	1	1	....	....	60	4	418
Totals	85	153	7	14	3	3	15	40	3	1	13	4	17	154	1	1	2	8	60	4	588

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NEW MADRID COUNTY.

Stations.	Cattle	Grain	Lumber and ties	Miscellaneous	Emigrant outfits	Cotton	Cotton-seed products	Total
St. Louis, Arkansas & Texas railway—								
Henderson			21					21
Farrenburg		17	3		1			21
LaForge		248	7		1			256
Ristin	4	17	2		1			24
Paw-Paw				1				1
New Madrid	1	16	250	13	3	2	44	329
Hog-Pen			1					1
Shead Bros			4					4
Scott's			1					1
May's			31					31
Como	1		83	1				85
Stout's			43					43
Latta			115	2				117
Cutoff			13					13
Spiller's			46					46
Totals	6	298	620	17	6	2	44	993

Stations.	Cattle (head)	Hogs (head)	Horses and mules (head)	Sheep (head)	Corn (sacks)	Wheat (sks)	Barley (sks)	Meal (brls)	Lumber (ft)	Eggs (cases)	Poultry (coops)	Hides	Cotton (bales)	Cotton-seed (sks)	Logs and timber
By river—															
Lazelles' with Phillipp's Landing	54	217			29,470	1,765							354	1,062	
Point Pleasant	98	328	2		2,151	1,000	384						1,753	15,372	
Shields' Landing					2,700										
Boaz Landing					3,346										
Stewarts' Landing		123			3,471								204		
New Madrid	308	519	56	28	23,496	6,749¼		1,569	97	86	7	293	803	1,902	1,650
Donaldson Point	38	220			6,250										
Meir's Landing	28	374			28,540				2 494						
Totals	526	1,781	58	28	99,424	9,514½	384	1,569	2,591	86	7	293	3,114	17,336	1,650

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NEWTON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Hides	Flour	Coal	Brick	Charcoal	Fruit	Lumber	Ties	Lead	Zinc	Pig lead	Bran	Poultry	Junk	Miscellaneous	Lime	Wood	Stone	Poles and posts	Emigrant outfits	Can'd goods	Potatoes	Total
K. C., F. S. & S. railroad—																																
Saginaw	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	39	..	...	...	...	42
Tipton's Ford	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	5
Neosho	16	17	...	2	3	32	1	...	..	...	4	...	9	2	3	10	...	..	...	...	...	...	2	6	10	68	26	21	3	1	...	236
St. L. & S. F. railroad—																																
Seneca	69	57	...	14	10	87	1	36	4	1	735	2	...	..	8	42	20	8	...	..	...	2	2	43	...	...	...	...	1	...	1	1,143
Neosho	8	4	7	...	...	3	...	18	1	...	20	...	1	..	1	9	...	.	1	...	...	...	1	42	1	...	...	...	...	...	...	117
Granby	...	...	...	..	...	3	...	34	...	...	...	...	...	...	...	...	...	7	303	80	...	...	...	..	...	...	...	...	...	..	...	427
Ritchey	22	41	1	5	3	...	5	112	1	...	86	...	...	...	...	...	...	...	...	...	4	..	..	1	...	..	...	...	1	...	3	285
Totals	115	119	8	21	16	125	7	200	6	1	845	2	10	2	12	61	20	15	304	80	4	2	5	92	11	76	65	21	5	1	4	2,255

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NODAWAY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Rye	Flour	Fire-brick	Coal	Fruit	Lumber	Poultry	Junk	Miscellaneous	Lime	Wood	Emigrant Outfits	Total
Omaha & St. Louis railroad—																					
Conception	6	20	7		49		10	1								1	3				97
Bedison	13	21			49	2	1						5						2		93
Maryville	100	96	30		66	4	7	7		1			45	12	28	3	20				419
Wilcox	32	54			9		3	1									3				102
Roseberry	402	27	4		10											130	8				581
Burlington junction	6	15	1		15								9	1	1	2	2				52
Dawsonville	226	28			40								2				3		1		300
Elmo	42	86		1	92		2	5		2			18			1	3				252
Chicago, Burlington & Quincy railroad—																					
Hopkins	126	143	5		49		14		2				13							4	356
Clearmont	89	65			42		6	23	1								25				251
Burlington junction	123	3		3	2								1							1	133
Chicago, St Paul & Kansas City—																					
Parnell City	105	97	8		140	8	29	2			1		4				2				396
Ravenwood	56	106		3	85	3	15						2		1	1	4				276
Conception	58	72			7			3						3			8				151
Guilford	44	46	1				6	5									6	1			109
Kansas City, St. Joe & Council Bluffs railroad—																					
Skidmore	174	176		13	61		1	7	3								32				467
Quitman	71	78			81		1	13				1	6								251
Burlington junction	1	2			10												8				21
Barnard	122	105	1	2	8		5	7	5				15								270
Arkoe	118	105	1		13			12									33				282
Maryville	115	57	41	10	3			2	1								57				286
Pickering	81	131			104		19	2	6				14								357
Hopkins	8	24	4		40	3	41	1	4						9						134
Totals	2,118	1,557	103	32	975	20	160	91	22	3	1	1	134	16	39	138	217	1	3	5	5,636

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OREGON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Lumber	Ties	Poultry	Junk	Cotton	Total
Kansas City, Ft. Scott & Memphis railroad—									
Thayer	16	4	3	1	76	1	1	8	110
Totals	16	4	3	1	76	1	1	8	110

OSAGE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Wheat	Flour	Meal	Fruit	Lumber	Ties	Iron	Junk	Cord-wood	Corn-cobs	Mixed stock	Shave-hoops	Emigrant outfits	Brag	Total
Missouri Pacific railroad—																				
Isbell	8	9				25					3			15	1					56
Chamois	35	96		8	12	234	7			1	55	1				84	5	3		491
St. Aubert		2				5					5									12
Bonnots Mill	26	38	7	8		73	30	1			15		1				3		1	203
Totals	64	145	7	16	12	337	37	1		1	78	1	1	15	1	84	8	3	1	762
		Head				Sacks	Lbs	Bus.	Brls.											
By river		11				254	49,100	3,400	193											

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PEMISCOT COUNTY.

	Cattle (hd)	Hogs (hd)	Corn (sks)	Hay (bales)	Lumber (feet)	Nuts (sks)	Potatoes (brls)	Hides	Poultry (coops)	Eggs (cases)	Cotton (bales)	Cotton seed (sks)	Logs
By river—													
Cottonwood Point	106	73	779	8	2,974	54	39	443	127	8	439	3,999	.....
Lintdale	44	.....	.....	.....	.....	.....	.....	211	.....	.....	150	.....	.....
Miller's Landing	.....	40	.....	.....	.....	.....	.....	.....	.....	.....	241	2,914	.....
Bell's Point	17	38	467	.....	.....	.....	.....	.....	.....	.....	53	.....	.....
Caruthersville	63	186	744	.....	1,864	48	.....	186	79	118	917	6,246	.....
Gayoso	43	142	.....	.....	961½	93	.....	.....	28	3	245	4,108	.....
Avenue	.....	.....	.....	.....	2,114	.....	.....	.....	.....	.....	.....	.....	4,710
Stewart's	30	92	.....	.....	.....	.....	.....	.....	36	48	141	459	4,594
Totals	303	571	1,990	8	7,913½	195	39	830	270	177	2,186	17,726	9,304

PERRY COUNTY.

	Cattle (hd)	Hogs (head)	Sheep (head)	Corn (sks)	Hay (bales)	Wheat (sks)	Flour (brls)	Bran (sks)	Lumber (M)	Ties	Potatoes (sacks)	Poultry (coops)	Eggs (cases)	Hides (bdls)	Wool (sks)	Clover seed (sacks)	Peas
By river—																	
Wittenburg	228	2,218	436	.....	....	.....	41,218	13,482	....	.....	....	316	2,742	182	94	61	.....
Seventy-six	128	923	218	.....	.....	7,421	.....	.....	....	6,200	118	197	1,121	49	43	78	13
Red Rock	84	643	97	.....	.....	6,218	.....	.....	.....	4,200	.....	291	2,140	97	21	42	....
Bishops	21	184	118	2,136	.....	8,210	.....	.....	38	.....	.....	138	421	13	7	14	.....
Hoper's	68	1,743	.....	3,821	....	10,324	426	182	64	.....	.....	108	321	67	14	24	.....
Anchor	23	431	20	8,460	....	6,742	.....	.....	....	.....	....	34	192	11	4	.....	.....
Claryville	236	784	628	1,324	1,821	2,132	924	308	....	.....	.....	94	318	....	....	.....	.....
Holchens	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,000	.....	.....	.....	....	....	.....	.....
Totals	788	6 926	1,517	15,741	1 821	41,047	42,568	13,790	102	15,400	118	1,178	7.255	369	183	219	13

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PETTIS COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Broom-corn	Flour	Fruit	Lumber	Ties	Lead	Poultry	Junk	Miscellaneous						Total
Missouri, Kansas & Texas—																								
Beaman	8	14			2		2	1				2				1		281						311
Sedalia	26	3	7	15	7	10	13		10		17	1	33	3		4	1	36						186
Camp Branch					3		5																	8
Green Ridge	49	48	1		176	61	104	5	17			9		1				3						474
Missouri Pacific Railroad—																								
Dresden																								
Houstonia																								
Smithton	479	468	73	87	169	35	101	130	25	1	23	11	206	8	1		1	285	1	1	16	4	2	2,127
Sedalia																								
Lamonte																								
Hughesville																								
Totals	562	533	81	102	357	106	225	136	52	1	40	23	239	12	1	5	2	605	1	1	16	4	2	3,106

PHELPS COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Fire-brick	Fruit	Lumber	Ties	Iron	Junk	Miscellaneous	Sand	Telegraph poles	Bran	Stone	Total
St. Louis & San Francisco railroad—																					
Jerome								1				3	150			8	131	5			298
Arlington		1			1			1				119	22			3					147
Newburg	29	12		18		1											292				352
St. James	64	60	4	40			1	37	38	1	4		4	158	3	147					561
Rolla	102	75	13	61		1			194		4				2	2			32	3	489
Totals	195	148	17	119	1	2	1	39	232	1	8	122	176	158	5	160	423	5	32	3	1,847

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PIKE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Nursery stock	Fire-brick	Wood	Fruit	Lumber	Ties	Logs	Wool	Stone	Poultry	Junk	Miscellaneous	Lime	Mixed livestock	Hoop-poles	Crushed stone	Hides	Cider	Trees	Total
St Louis, Keokuk & Northwestern—																														
Busch, Clarksville, Kissengers, Annada, Louisana, Ashburn	86	170	1	4	10	139	12	212	....	209	....	11	....	334	435	....	....	4	.	...	12	45	525	58	1	186	3	16	3	2,476
Chicago & Alton railroad—																														
Curryville	119	75	13	5	....	....	4	..	....	....	....	....	....	..	....	21	1	....	...	1	3	....	....	..	....	....	....	....	....	242
Louisiana	17	2	21	...	....	3	...	..	....	25	44	....	....	14	1,197	...	....	....	301	....	....	1,175	32	..	....	..	..	..	..	2,834
Bowling Green	80	11	23	15	...	....	....	2	....	11	....	....	....	....	83	9	....	....	....	....	....	20	....	..	....	..	..	..	..	254
St. Louis & Hannibal railroad—																														
Jones	4	3	...	1	....	....	....	14	....	....	....	....	15	....	6	4	....	....	....	....	....	....	....	....	....	....	....	....	....	47
Frankford	43	74	2	30	....	....	....	98	....	....	....	....	40	1	6	50	....	....	....	..	2	1	....	..	6	..	..	..	..	353
Reno	....	....	..	....	....	....	....	7	....	....	....	....	98	....	....	17	....	....	....	..	....	....	....	..	..	..	..	..	..	122
McCune	....	1	..	....	....	....	....	2	....	....	....	....	75	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	80
Bowling Green	38	87	22	16	1	5	5	37	4	1	....	1	....	1	5	3	....	....	4	....	1	11	....	..	....	....	....	....	....	242
Cyreme	....	19	..	....	....	....	4	10	....	1	....	....	....	....	2	4	....	....	....	....	....	....	....	16	....	....	....	....	....	56
Edgerwood	....	3	2	....	....	....	....	2	....	....	....	....	....	....	....	13	....	....	....	....	....	....	....	7	....	....	....	....	....	27
Eolia	2	8	...	1	....	....	..	36	..	....	....	....	..	2	....	53	..	....	..	....	2	3	....	27	..	..	..	..	..	134
Totals	389	453	84	72	11	147	25	420	4	247	44	12	228	352	1,734	176	1	4	308	1	20	1,255	557	108	7	186	3	16	3	6,867

	Cattle (head)	Hogs (head)	Horses and mules (hd)	Sheep (head)	Wheat (sks)	Flour (brls)	Fruit (brls)	Poultry (coop.)	Miscellaneous	Lime (brls)	Cider (brls)	Vinegar (brls)	Cider syrup brls	Turtles (brls)	Grapes	Bran and shipstuff (lbs)
By steamboat—																
Clarksville	29	257	13	2	....	16,941	98	27	....	....	117	232	171	1		5,865
Clarksville	67	214	9	58	786	64,278	361	7	....	....	112	428	42	27	16,110	2,750
Clarksville	72	976	56	129	....	25	711	34	1,369	798	....	....	....	....	....	....
	81	569	103	222	....	73	401	11	1,703	2,296	....	....	....	....	....	....
Totals	289	2,016	181	411	786	51,317	1,571	79	3,070	3,094	229	660	213	28	16,110	8,615

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PLATTE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Iron	Junk	Miscellaneous	Lime	Ice	Total
Chicago, Rock Island & Pacific railroad—																					
Beverly																					
Camden Point																					
Edgerton	93	219	2	2	10	2	2	386	....	204	1	13	109	287	7	17	1	376	34	.....	1,758
Edgerton Junction																					
Platte City																					
Kansas City, St. Joseph & Council Bluffs railroad—																					
Parkville	19	27	1	6	1	...	...	22	...	...	...	...	...	...	...	...	...	13	...	...	89
Waldron	13	45	...	...	1	...	...	2	1	...	...	...	...	...	...	...	...	5	...	...	67
East Leavenworth	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
Beverly	29	57	5	...	...	...	...	..	...	...	...	...	...	...	...	...	...	3	...	...	92
Weston	23	87	...	1	...	...	...	65	...	...	...	...	...	...	...	...	.	67	...	...	243
Iaton	5	12	...	...	...	...	...	38	...	...	...	...	17	...	...	...	...	13	...	...	85
Sugar Lake	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,853	1,853
Totals	183	453	6	9	12	2	2	513	1	204	1	13	119	287	7	17	1	477	34	1,853	4,194
Drive-ins	Head 2,680	Head. 13,240	Head. 2,173																		

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POLK COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Coal	Fruit	Lumber	Ties	Poultry	Junk	Miscellaneous	Lime	Total
St. Louis & San Francisco railroad—																			
Bolivar	40	55	27	11		2		1		1						1		62	200
Tremont						16						2	2						20
Wishart	22	7	2			1		1		24			1	1			31		90
Kansas City, Ft. Scott & Memphis railroad—																			
Humansville	63	105			24	8	16		2			8	15		2	3	3		249
Dunnegan Springs	1	3										1	2	1			39		47
Fair Play	61	120				1		20			4	6	8	2		2	289		513
Aldrich	16	50			1			1		5		14	9		17	2	67		182
Sharon	2	3						1				1					52		59
Totals	205	343	29	11	25	28	16	24	2	30	4	32	37	4	19	8	481	62	1,360

PULASKI COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Hay	Wheat	Flour	Coal	Fruit	Lumber	Ties	Junk	Miscellaneous	Total
St. Louis & San Francisco Railroad—														
Richland	41	48	7	14		18		2		6	9	1	60	206
Swedeborg	12	1		4							4	1	21	43
Crocker	35	46	1	13		3			1		25	5	19	148
Hancock	16	10		4		7			2					39
Dixon	70	7	4	4	2	63	1	1		2	10	1	1	166
Totals	174	112	12	39	2	91	1	3	3	8	48	8	101	602

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PUTNAM COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flax	Coal	Fruit	Lumber	Ties	Junk	Miscellaneous	Timothy seed	Hoop-poles	Eggs	Bran	Hoops	Wool	Total
Chicago, Burlington & Quincy railr'd--																					
Unionville	56	28	18	7	4	21	2			18			2	6	3		6	3	6	1	181
Mendota	2					1			4,514	11		2		2		11					4,543
Howland	4	6			1																11
Lemons	49	54		4		11				2				2							122
Chicago, Milwaukee & St. Paul--																					
Powersville	81	51	1	4	7	11		1						38							194
Lucerne	87	26	11			17				1	5		1	1		10					159
Totals	279	165	30	15	12	61	2	1	4,514	32	5	2	3	49	3	21	6	3	6	1	5,210

RALLS COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Hay	Oats	Wheat	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Poultry	Miscellaneous	Lime	Wood	Trees	Mixed stock	Total
St Louis, Keokuk & Northwestern Railroad—																				
Saverton	2	1				1	14				16	2			1		75			112
Missouri, Kansas & Texas Railroad—																				
Springdale																9				9
Rensselaer					27		4			2					26					59
Huntington	4	19			2		45							1	1					72
St. Louis & Hannibal Railroad—																				
New London	90	105	1	20		1	171	1	25				12					1	25	452
Totals	96	125	1	20	29	2	234	1	25	2	16	2	12	1	28	9	75	1	25	704
By river	2	12																		

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RANDOLPH COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Wheat	Flour	Meal	Fire-brick	Coal	Lumber	Ties	Poultry	Junk	Miscellaneous	Lime	Hoops	Farm imp	Logs	Wood	Total
Missouri, Kansas & Texas R'd—																						
Moberly	8	3	11	1				8	1	62		28	134	4	3	28	2					293
Elliott							3				788		7									798
Higbee			3		3			4	7		203		3		1	6						230
McDonald											2,303											2,303
Wabash railroad—																						
Clark	43	71	3	4		1	5						15			2		16				160
Clifton	100	88		16			44					10	2									260
Jacksonville	44	43	11			22						1	44					3				168
Huntsville	14	39	13	7			9	7			5,186	9	3		4	46			13			5,350
Moberly	62	68	56	3				115		90		29				250						673
Cairo	47	43	14	24		8							136		5	5						282
Renick	36	42	6	2			2	41			89					8						226
Chicago & Alton railroad—																						
Yates	8						2						2							4	48	64
Clark	6	4	14	7						1			15			4		3				54
Higbee	20	25									880											925
Totals	388	426	131	64	3	31	65	175	8	153	9,444	77	361	4	13	349	2	22	13	4	48	11,781

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RAY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Oats	Wheat	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Junk	Miscellaneous	Lime	Saw-dust	Wood	Hoops	Sand	Total
Wabash railroad—																					
Orrick	24	70			2	2	82				17	6		4	6		30				243
Lexington Junction	2	11			1		37					15	7		5						78
Hardin	50	79		2	7	10	128	4			4	164			180						628
Camden	11	9					10			486		23									539
Atchison, Topeka & Santa Fe railroad—																					
Camden							1			1,805	5	10			60			2			1,883
Floyd	35	22													2						59
Hardin	140	60		4		2	1				12	30	5		29			257			540
Lawson	117	10	7			3		1				2			7	1		18			166
Lexington Junction	22	10			6						2				8			17			65
Richmond	36	60	5				3			7,514	10	8	4		8			1			7,649
Vibbard	18	21				1					1	6						18			65
Hallard	5	16					1						4		2			39			67
Chicago, Milwaukee & St. Paul R. R.—																					
Elmira	42	33	2									2						10	2	18	109
Lawson	48	55	5			3			3	4				1	2	1					122
Totals	550	456	19	6	16	21	263	5	3	9,809	51	266	20	5	309	2	30	362	2	18	12,213
By river							Sks. 1,147														

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RIPLEY COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Brick	Lumber	Ties	Poultry	Junk	Wood	Cotton	Staves	Hoops	Total
Missouri Pacific railroad—														
Oak Dale					4	485	37			14				540
Doniphan	24	75	1	5		360	75	4	2		70	24	8	648
Totals	24	75	1	5	4	845	112	4	2	14	70	24	8	1,188

REYNOLDS COUNTY.

Missouri Southern railroad—														
Penn						614								614
Totals						614								614

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ST. CHARLES COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Rye	Oats	Wheat	Flour	Fruit	Lumber	Ties	Barley	Chair timber	Logs	Poultry	Junk	Miscellaneous	Wood	Hoop-poles	Emigrant outfits	Sand	New cars	Mdse	Bran	Total
St Louis, Keokuk & N. W.—																										
St. Charles					19					5																24
St. Peters								2																		2
Wabash railroad—																										
Gilmore	1	11		2			1	32		1	3						3		6	8	2					70
Forestell	29	42		9				74				49							86							289
St. Peters					12			92	56	6	153						1	6							17	343
St. Charles	11	44	2	2	188		3	218	357		16	513						463				548	2,391	155		4,911
O'Fallon	30	70		5			1	84	98	2								42								332
Wentzville	56	49	1	4			4	91	26									57								288
St. Louis & Hannibal railr'd—																										
Gilmore																4										4
Enon								2						7	4											13
Totals	127	216	3	22	219		9	595	557	14	172	562		7	4	4	4	568	92	8	2	548	2,391	155	17	6,276
	Hd.	Hd.	Hd.	Hd	Sacks.	Sks	Brls	Sacks	Lbs.	Brls			Sks			Coops	Eggs, cases	Onions sacks.	Potatoes, sacks.							
By river	347	1,858	6	75	66,573	121	31	35,812	69,920	3,707			41			33	181	4,909	521							

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ST. CLAIR COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Iron	Poultry	Junk	Miscellaneous	Lime	Emigrant outfits	Sand	Total
Missouri, Kansas & Texas railroad—																							
Appleton City	46	90	9	3	156	141	31	....	90	....	....	....	55	....	....	....	....	2	21	....	....	....	644
Kansas City, Fort Scott & Memphis R. R —																							
Lowry City	30	42	....	....	149	268	87	5	12	....	1	....	1	1	....	....	1	2	4	....	....	....	608
Collins	39	95	1	....	16	....	12	5	4	....	....	....	9	3	1	....	....	1	1	....	....	....	187
Osceola	14	25	....	....	....	2	....	1	....	2	2	....	1	17	....	1	7	2	....	....	....	....	74
Vista	5	4	....	....	....	1	....	....	....	....	....	173	....	3	....	....	....	....	....	....	....	....	186
Kansas City, Osceola & Southern railroad—																							
Lowry City	38	20	1	1	1	....	....	....	3	....	....	....	3	179	16	3	....	....	1	....	2	....	268
Osceola	10	7	....	4	1	....	....	....	....	....	....	....	....	1	76	....	....	1	13	2	....	348	468
Totals	182	283	11	8	323	412	130	11	109	2	3	173	69	204	93	4	8	8	40	2	2	348	2,425

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ST. FRANCOIS COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Zinc	Wheat	Bran	Mixed stock	Flour	Granite paving stone	Brick	Stone	Piling	Fruit	Lumber	Ties	Lead	Granite	Iron ore	Sand	Props	Junk	Miscellaneous	Machinery	Hides	Tiff	Hoops	Hubs	Wood	Slag	Total
Missouri Pacific R. R.—																																	
Bismarck	14					1					13					1	3							1	7		2						42
Blackwell		1				2		2									10		4							2		48	4	17	12	1	103
De Lassus	30	24	8	24		2		5	29	15	133		8				4		189					5	110								586
Eureka		2			4			50							2								1								48		107
Iron Mountain	18	4	2									49					1				5,950												6,024
Knob Lick	20	17		3				1			5	304					2			107				1	3								463
M. R. & B. T. R. R.—																																	
Bonne Terre						1					8						11	3	699					5	9						16		752
Summit																									9						519		528
Big River														4								186									3		193
Silver Springs																									1						100		101
Tunnel							85																								16		101
Valle's Mines																			10												43		53
Totals	82	48	10	27	4	6	85	58	29	15	159	353	8	4	2	1	31	3	902	107	5,950	186	1	12	139	2	2	48	4	17	757	1	9,053

STE. GENEVIEVE COUNTY.

Stations.	Cattle (hd)	Hogs (head)	Sheep (head)	Corn (sacks)	Wheat (sks)	Flour (brls)	Fruit, dried, (sacks)	Clover seed (sacks)	Poultry (coops)	Lime (bgs)	Eggs (cases)	Bran	Hides	Potatoes	Wool
By river—															
St. Mary's	686	5,329	728		1,921	19,460	234	138	1,381		6,832	6,428	894	1,164	218
Ste. Genevieve	342	1,218	108	1,342	18,427	4,827	173	213	479	13,428	1,328	1,609	189	213	37
Sand Depot	98	564	74	2,136	9,461			17	89		138		24		14
Brickey	27	421	98		7,460				113		204				29
Totals	1,153	7,552	1,008	3,478	37,269	24,287	407	368	2,062	13,428	8,502	8,037	1,107	1,377	298

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ST. LOUIS COUNTY.

Stations.	Cattle	Calves	Hogs	Horses and mules	Sheep	Corn	Hay	Wheat	Flax	Flour	Potatoes	Fire-brick	Rock	Fruit	Lumber	Straw	Logs	Emigrant outfits	Gravel	Miscellaneous	Lime	Stone	Clay	Sand	Wood	Shavings	Ice	Total
Missouri Pacific railroad—																												
Glenco								20												5	980	52	4	13				1,074
Copemea						9		3		6															13	5	12	48
Yeatman						1													199			5		383				588
Valley Park	3		1			1		12									1	3							55			76
St. Paul	1					7		5					1						42		77			64				197
Boussau Switch																						311						311
Kirkwood																						1,057						1,057
Barrett's								2		3												19						24
St Louis & San Francisco—																												
Allenton						1	2	9						1	4					2					35			54
Eureka	4		11	1	1	5		38						6							53							119
Crescent	5					4		11	2			1							18			10		565				616
Ranken	9		9			5		7																				30
Lyman																		1										1
Spring Park										67										23								90
Old Orchard																			25	1								26
Howard's												538								1,846								2,384
St. L., K C. & C. R. R.—																												
Gumbo			6			1		54			2				1	2				1					5			72
Atherton			30			1		65												23								119
Totals	22		57	1	1	35	2	226	2	76	2	539	1	7	5	2	1	4	284	1,901	1,110	1,454	4	1,025	108	5	12	6,886
By river—								Sacks.																				
Schot's Landing								478																				
	Hd.	Hd.	Hd.		Hd.																							
Drive-ins	7,039	1,660	6,485		368																							
								Bu.																				
Marketed by wagon								431,795																				

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SALINE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Potatoes	Broom-corn	Flour	Meal-bran	Brick	Coal	Fruit	Lumber	Ties	Saw-dust	Scrap iron	Poultry	Junk	Miscellaneous	Mineral water	Mixed stock	Wood	Logs	Elm forks	Nursery outfit	Emigrant outfits	Total
Missouri Pacific— Nelson, Napton, Malta Bend, Stanhope, Page City, Sweet Springs, Grand Pass, Marshall	53	296	112	5	81	25	2	347	1	2	488	82	50	13	76	37	150	4	2	1	5	77	1	3	37	43	1	1	2	1,997
Chicago & Alton—																														
Shackelford	154	67	1	2	..	..	....	14	..	....	....	....	..	..	....	....	....	....	....	..	....	....	....	....	....	..	....	..	....	238
Marshall	458	48	98	12	2	..	....	120	....	4	62	....	74	..	68	....	....	....	....	6	4	89	....	....	....	....	....	....	..	1,045
Mt Leonard	218	78	2	54	10	....	3	63	..	1	....	....	..	..	..	....	....	....	....	....	..	15	....	....	....	....	....	....	....	444
Blackburn	127	91	2	1	16	..	....	87	....	....	1	....	....	....	13	....	....	....	....	2	3	2	....	....	....	....	....	....	....	345
Gilliam	47	58	4	....	7	....	....	96	....	..	6	....	....	..	22	4	....	..	....	....	1	42	....	....	....	....	....	....	....	287
Slater	394	65	9	....	....	....	....	109	....	....	42	....	....	....	17	....	....	....	....	..	7	197	....	....	....	....	....	....	....	840
Norton	60	48	....	....	1	....	....	23	....	....	....	....	....	..	....	....	....	....	....	....	..	1	..	....	....	..	....	....	..	133
Totals	1,511	751	228	74	117	25	5	859	1	7	599	82	124	13	196	41	150	4	2	9	20	423	1	3	37	43	1	1	2	5,329
	Head	Head	Head					Bu.							Brls.	Feet														
By river	10	804	10					37,368							820	4,000														

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SCHUYLER COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Other grain	Flour	Fruit	Lumber	Junk	Miscellaneous	Hoops	Emigrant outfits	Wool	Flax-seed	Bran	Cooperage	Total
Wabash railroad—																						
Green Top	29	22			16	1						1	8			11	3					91
Coatsville	26	29		5			19					4	10	2	1	19	1					116
Glenwood	24	67	28	16			10		1			6	3		7	19		6	1	1		189
Queen City	88	74		5		7	38	6				10	4	1	24							257
Keokuk & Western railroad—																						
Downing	31	90			6		31			7			1		185						1	352
Lancaster	105	43	24	10	1		26			10					48							267
Glenwood Junction	52	12	6	2			2			2	6				227							509
Guinn	7			2											7							16
Totals	362	337	58	40	23	8	126	6	1	19	6	21	26	3	499	49	4	6	1	1	1	1,597

SCOTLAND COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Other grain	Seed	Wheat	Flax	Lumber	Cooperage	Ties	Miscellaneous	Wood	Total
Keokuk & Western railroad—																	
Granger	19	20			1		37	2				3	3				85
Arbela	4	30		1			43	1									79
Memphis	117	44	71	4			72	1	1			8	8				326
Crawford	8	40					11										59
Atchison, Topeka & Santa Fe—																	
Gorin	20	15	1	3		2	12					8		50	6	2	119
Rutledge	54	35		2			4			7	3	8		6	8		127
Totals	222	184	72	10	1	2	179	4	1	7	3	27	11	56	14	2	795

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SCOTT COUNTY.

Stations.	Cattle	Hogs	Sheep (head)	Corn	Hay, (bales)	Wheat	Flour	Hides (bdls)	Lumber	Ties	Wool (sacks)	Poultry, coops	Junk	Eggs (cases)	Miscellaneous	Watermelon	Staves	Peas, (sacks)	Bran	Emigrant outfit	Clover seed, (sacks)	Clay	Straw	Total
Missouri Pacific Railroad—																								
Blodgett	11	9		32		4			6	6			1		1	789								859
Morley	25	12		58		31	24		7	15			1			535	8		16					732
Sikeston	21	7		399		272			16	7			1							11				734
Oran	5	14		73		75			300	2						7				3		5	1	485
Totals	62	42		562		382	24		329	30			3		1	1,331	8		16	14		5	1	2,810
By river—	head	head		sacks		sacks	brls.		M										sks					
Commerce	252	842	28	463	328		18,130	310	60	5,000	27	132		257				715	7,830		97			
New Philadelphia	58	147		17,840		374			55															
Totals	310	989	28	18,303	328	374	18,130	310	115	5,000	27	132		257				715	7,830		97			

SHANNON COUNTY.

Stations.	Corn	Fruit	Lumber	Ties	Miscellaneous	Total
Kansas City, Fort Scott & Memphis railroad—						
Birch Tree			1,039	28	2	1,069
Bardlett			1,690	10	5	1,705
Winona	1	1	2,328	9	1,745	4,084
Low Wassie			492	17	5	514
Totals	1	1	5,549	64	1,757	7,372

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STODDARD COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Wood	Wheat	Cotton seed	Flour and mill prod.	Meal	Fire-brick	Stave bolts	Stone-ware	Lumber	Ties	Shingles	Staves	Iron	Poultry	Cotton	Miscellaneous	Mixed grain	Lumber and ties	Total
St Louis, Arkansas & Texas—																									
Bernie									5												7	1	1	191	206
Dexter		1								17											8	19	3	189	237
Simmons																								183	183
Rule																								8	8
Idalia										13											11	7	7	154	192
Lorett																								12	12
Day																								143	143
Palmer																								6	6
Sand Pit																						1			1
Nations																						1		83	84
Ardeola	5	15																				7		725	762
Scranton																								1	1
Greenleaf																								40	40
Frisbers																								40	40
Demming																								41	41
Perkins		2								2														297	301
Paradise																								91	91
Randalls																								250	250
Belle City																								2	2
Missouri Pacific Railroad..																									
Dexter	23	21	2	4	10			5	35	65	2	2		1	6	81		12	1	1	11				262
Cape Girardeau & Southwestern railroad—																									
Advance	3	17			18			17							21	380	17	35	1			5			514
Brownwood							105								60			430							595
Idlewild	2	20											25					4							51
Puxico					10	2		5					80		63	1,210			1			20			1,391
Totals	33	76	2	4	38	2	105	27	40	97	2	2	105	1	150	1,671	17	481	3	1	37	61	11	2,466	5,432

60 bales of cotton to 1 car load.

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SULLIVAN COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Coal	Fruit	Lumber	Ties	Wood	Junk	Miscellaneous	Hoop-poles	Stone	Logs	Eggs	Total
Chicago, Burlington & Quincy R. R.—																					
Pollock	18	8		4			3	1			1										35
Boynton	11	5										1									17
Milan	150	24	14	1			2				1		363			6	30	14			604
Quincy, Omaha & Kansas City R. R.—																					
Castle	52	12	1				8	1			6		118				5		3		206
Green City	68	53	2	13	2		6				11	2	41		4	12					214
Milan	69	24	28	2	3				5		7	2	7		2	22	29				200
Reger	16	2		1				1				2	65		1	7	4				99
Humphreys	75	31		4			3		5						1						119
Chicago, Milwaukee & St. Paul R. R.—																					
Newton	130	45	4			4	16			6	3	6	33				8			1	256
Harris	108	45	10	3			11						36		5	53					271
Osgood	75	26					10	1			5	9		7			6				139
Totals	772	275	59	28	5	4	59	4	10	6	34	22	662	7	13	100	82	14	3	1	2,160

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SHELBY COUNTY.

Stations.	Ties	Fruit	Lumber	Cattle	Hogs	Horses and mules	Sheep	Hay	Oats	Wheat	Flax	Miscellaneous	Total
Hannibal & St. Joseph railroad—													
Hunnewell				53	98		6			26		22	205
Lakenan								4	2	4			10
Shelbina				225	267	70	38	67	10	45			722
Lentner				20	27			40	6	3			96
Clarence				163	217	7	35	78	20	46	1	74	641
Totals				461	609	77	79	189	38	124	1	96	1,674

TEXAS COUNTY.

Kansas City, Ft. Scott & Memphis R'd—													
Cabool	461	5	273	39	7		3					1	789
Sargeant	64		725									1	790
Totals	525	5	998	39	7		3					2	1,579

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VERNON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flax	Broom-corn	Flour	Meal	Fire brick	Coal	Fruit	Lumber	Ties	Lead	Zinc	Iron	Poultry	Junk	Miscellaneous	Lime	Emigrant outfits	Stone	Castor beans	Nursery stock	Mixed stock	Wood	Total
Missouri, Kansas & Texas—																															
Shell City	44	42	10		44	54	14	1	41						13								11	42							316
Harwood	55	31	1		103	29	5		39						3							1	6								273
Walker	105	66	2	2	23	40	3	1	31						30								30								333
Nevada	11	2	20	2	54	28	3		31		8		30	8	29	3	4				33	2	36	1							364
Ellis	14	23			3	12											4						5								61
Deerfield	56	35				56	3						1										2								153
Claton	41	19				35	2						8										12								117
Missouri Pacific railroad—																															
Arthur																															
Bronaugh																															
Moundville																															
Horton																															
Metz	372	230	25	2	120	282	13		72	1	37	2	83	33	65	2		2	2	5		9	8		39	44	43	13	20	4	1,528
Milo																															
Nevada																															
Richards																															
Sheldon																															
Kan. City, Ft. Scott & Memphis—																															
Carbon Centre	23	6				4								1,623		3	1														1,660
Totals	721	454	58	6	347	540	43	2	214	1	45	2	122	1,664	149	8	9	2	2	5	33	12	160	43	39	44	43	13	20	4	4,805

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WARREN COUNTY.

Stations.	Cattle	Hogs	Sheep	Corn	Oats	Wheat	Flax	Fruit	Lumber	Ties	Miscellaneous	Wood	Fire-clay	Hoops	Piling	Brick	Emigrant outfit	Total
Wabash railroad—																		
Pendleton	25	13			7				57	132		133	51	4				422
Wright	19	53	5		13	33		3	27	185	5				132			475
Truesdale	25	13			5	34	2				30		62			7	5	183
Totals	69	79	5		25	67	2	3	84	417	35	133	113	4	132	7	5	1,080
By river	Hd. 27	Hd. 336	Hd. 50	Brls. 99		Sacks 9,629		Brls 718										

WASHINGTON COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Bran	Wheat	Hoops	Flour	Charcoal	Brick	Coal	Fruit	Lumber	Ties	Lead	Zinc	Scrap-iron	Junk	Miscellaneous	Tiff	Slag	Hub timber	Mixed live-stock	Cord-wood	Merchandise	Total
Missouri Pacific railroad—																											
Cadet							8								2	23		1			151	3	2	3	9	1	203
Hopewell	7	3	3	4	2												7			1					560		587
Mineral Point	3						2	1			1								1		5				25		38
Irondale	1		4		1		1	4	1	101			1				1	2						4	129		250
Summit					1	1			1			1		1	2										100		107
Potosi	5	3	4				2		2					21		41					163	2					243
Totals	16	6	11	4	4	1	13	5	4	101	1	1	1	22	4	64	8	3	1	1	319	5	2	7	823	1	1,428

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WAYNE COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Corn	Hay	Wheat	Iron	Emigrant outfits	Meal	Stave-bolts	Lumber	Ties	Piling	Logs	Stone	Hides and tallow	Junk	Miscellaneous	Lime	Granite	Mill-stuff	Cooperage	Charcoal	Granite-spalls	Hoops	Total
Missouri Pacific railroad—																										
Gad's Hill											617									296						913
Williamsville	9	3				1					682	107							6		1	1				810
Mill Spring	6	3									457	179											18	809	3	1,475
Leeper				1				2						9			2								1	15
Piedmont	36	7	1		1			2	3		896				80	1	14								9	1,050
W. G. & N. E. R. R.—																										
Williamsville						1					555	216	15													787
Cape Girardeau & Southwestern R. R.—																										
Wappapello										40	3	421						5								469
Chloonia					2		1			90	21							9								123
Wilson's										75																75
Laskee										30								10								40
Williamsville											47	31														78
Upalika											200															200
Orchard Switch											50															50
Totals	51	13	1	1	3	2	1	4	3	235	3,528	954	15	9	80	1	16	24	6	296	1	1	18	809	13	6,085

WRIGHT COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Hay	Wheat	Flour	Fire-brick	Coal	Fruit	Lumber	Ties	Lead	Iron	Poultry	Junk	Miscellaneous	Cotton	Total
Kansas City, Ft. Scott & Memphis Railroad—																		
Cedar Gap	10	11	2				2		2	5	370	1			1	30		434
Mansfield	50	22	12			2		3	1	26	264		1		2	11		394
Norwood	11	13	3		7				2	3	266			1		86	1	398
Mountain Grove	39	37	19	2	2	10			5	27	319			1	2	7		470
Totals	110	83	36	2	9	12	2	3	10	61	1,219	1	1	2	5	134	1	1,691

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WEBSTER COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Sheep	Corn	Hay	Oats	Wheat	Flour	Fruit	Lumber	Ties	Iron	Poultry	Junk	Miscellaneous	Wood	Potatoes	Emigrant outfits	Total
St. Louis & San Francisco railroad—																				
Northview								5		5	25	1				12	14	1		63
Niangua	12	8		7				6		3		7	3							46
Marshfield	27	32	25	17				33		23	25	10	12	1	3	37	8		4	257
Kansas City, Ft. Scott & Memphis R. R.—																				
Rogersville	4	1			1			20		3		99				120				248
Fordland	18	8	4					1			28	344				175				578
Seymour	68	12	17		1	10	3	4	6	1	76	1,019			2	87				1,306
Totals	129	61	46	24	2	10	3	69	6	35	154	1,480	15	1	5	431	22	1	4	2,498

WORTH COUNTY.

Stations.	Cattle	Hogs	Horses and mules	Corn	Hay	Oats	Wheat	Rye	Fruit	Lumber	Iron	Junk	Miscellaneous	Hoops	Total
Chicago, Burlington & Quincy railroad—															
Grant City	171	178	18	11		19		3	32				4	34	470
Chicago, St. Paul & Kansas City railway—															
Atitatan	12	58		11	22	9	3			3	1	1	2		122
Sheridan	34	63		75	2	35	2		2	2			5		220
Totals	217	299	18	97	24	63	5	3	34	5	1	1	11	34	812

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ST. LOUIS CITY.

Table showing car-load shipments of brick and sewer pipe from St. Louis during the year 1890.

	Cars.	Value.
Hydraulic Press Brick company	1,500	$54,000
Blackmer & Post	1,398	191,740
Laclede Fire-Brick company	2,000	250,000
Evans & Howard	2,900	290,000
Parker & Russell Mining and Manufacturing company	1,200	136,800
Anthony Ittner	992	35,712
Christy Fire-Clay company	611	86,691
Totals	10,601	$1,044,943

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MISSOURI'S SURPLUS.

TABLE SHOWING, BY COUNTIES, THE COMMODITIES MARKETED IN CAR-LOAD LOTS DURING THE YEAR 1890.

Counties.	Cattle	Hogs	Horses & mules	Sheep	Wheat	Corn	Oats	Other seed	Hay	Flax	Fruit	Coal	Lead	Zinc	Pig iron, scrap iron, iron ore	Lumber	Ties	Other shipm'ts	Total
Adair	192	205	32	28	24	11	155	5	90	.....	51	488	.....	.....	.....	35	1,074	294	2,684
Andrew	505	656	14	6	83	29	13	.....	.....	1	104	.....	.....	.....	.....	.....	.....	1,199	2,615
Atchison	1,105	502	7	28	76	1 291	10	.....	.....	.....	53	.....	.....	.....	.....	1	.....	509	3,582
Audrain	8 0	716	211	91	34	47	270	.....	252	49	5	116	.....	.....	3	32	.....	1,067	3,703
Barry	82	91	19	38	105	31	11	.....	2	.....	57	.....	.....	14	2	72	135	889	1,548
Barton	664	426	60	4	20	87	70	.....	1,763	160	57	6.092	.....	.....	.....	5	1	454	9,853
Bates	804	610	90	8	29	340	130	.....	159	311	113	40,572	.....	178	2	29	3	285	43,666
Benton	117	333	.....	6	76	10	26	.....	20	32	17	.....	.....	.....	.....	60	152	170	1,019
Bollinger	30	50	2	6	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96	201	429	837
Boone	707	674	90	95	28	2	87	.....	26	.....	32	499	.....	.....	.....	15	460	295	3,010
Buchanan	208	352	83	166	547	1 068	12	.....	11	174	338	.....	.....	.....	14	329	181	2 591	6.074
Butler	5	6	.....	.....	.....	3	.....	.....	1	.....	.....	.....	.....	.....	.....	1,110	116	1,651	2,892
Caldwell	748	706	53	18	10	1	150	.....	.....	.....	118	1,080	.....	.....	2	3	.....	121	3,010
Callaway	244	278	44	58	21	7	.....	.....	1	.....	2	23	.....	.....	.....	9	677	719	2,083
Camden	38	33	.....	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	78
Cape Girardeau	11	50	2	4	157	6	2	.....	31	.....	5	.....	.....	.....	17	371	198	2,473	3,327
Carroll	954	805	47	18	700	33	177	1	.....	2	222	44	.....	.....	.....	407	.....	702	4,112
Carter	2	.....	.....	.....	.....	2	.....	.....	1	.....	5	4	.....	.....	5	3,359	109	30	3,517
Cass	1,170	1,109	43	7	383	779	240	.....	497	364	55	4	.....	.....	.....	29	34	347	5,061
Charlton	531	478	29	16	542	148	60	1	19	21	125	20	.....	.....	.....	122	.....	496	2,608
Christian	85	120	.....	22	237	4	.....	.....	.....	.....	12	3	2	4	1	17	47	704	1,258
Clark	179	276	44	13	88	371	478	.....	66	3	16	22	.....	.....	.....	133	1	909	2,599
Clay	547	617	16	41	62	40	7	.....	.....	.....	30	77	.....	.....	.....	119	.....	1,460	3,016
Clinton	903	709	51	18	95	3	84	.....	.....	.....	44	92	.....	.....	2	67	59	644	2,774
Cole	78	162	5	15	545	2	.....	.....	.....	.....	2	74	.....	.....	.....	67	1,334	1,657	3,941
Cooper	297	649	33	38	572	19	21	.....	1	.....	183	46	.....	.....	1	206	37	1,065	3,168
Crawford	73	33	9	19	89	.....	1	.....	1	.....	25	1	.....	.....	7,589	1	17	705	8,563
Dade	244	301	6	.....	108	2	36	.....	154	85	53	.....	72	.....	8	3	.....	1,020	2,092
Daviess	697	727	68	47	20	18	127	.....	2	.....	69	.....	.....	.....	.....	257	10	1,860	3,902
DeKalb	394	466	7	.....	14	93	82	.....	8	.....	66	1	.....	.....	.....	3	.....	241	1.375
Dent	62	31	7	18	30	.....	1	.....	.....	.....	.....	.....	.....	.....	1,302	119	141	249	1,910
Dunklin	66	27	.....	4	33	.....	.....	267	.....	.....	.....	.....	.....	.....	.....	327	.....	283	1,007
Franklin	234	280	19	23	1,254	143	1	.....	5	.....	11	.....	5	.....	83	44	40	5,728	7,875
Gasconade	35	108	.....	3	637	63	.....	.....	.....	.....	5	.....	.....	.....	3	2	50	266	1,172
Gentry	540	447	43	23	7	79	24	.....	.....	.....	24	.....	.....	.....	.....	3	.....	456	1,640
Greene	405	350	147	36	243	49	7	.....	24	2	122	1	38	2	9	112	1	4,576	5,924
Grundy	437	317	27	24	5	8	80	.....	.....	.....	36	34	.....	.....	25	43	138	383	1,557

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Harrison	405	311	31	14	1	100	159	4			32					9		88	1,154
Henry	783	808	44	21	97	1,871	524		533	241	50	5,449				47	3	2,025	12,496
Holt	1,028	886	7	4	129	940	7		1		91				3	1		1,168	4,265
Howard	294	417	37	30	350	43					70	98				100	86	618	2,143
Howell	190	36	34		3	9	1		35		2				258	2,270	225	153	3,216
Iron	40	28	1	4	1				1				1		2,571	1,854	14	3,201	7,716
Jackson	569	551	24	74	313	112	56		129	11	199	1			4	29	39	1,959	4,070
Jasper	230	279	44	40	351	4	8		268	15	69	2	1,966	2,754	3	173		6,085	12,291
Jefferson	12	23	2		116	4			14		2		8	5	5	3		3,030	3,224
Johnson	442	604	47	21	629	561	161		123	35	37	634			9	17	1	1,673	4,694
Knox	314	291	48	12	13	1	87		211	6	1	16			11	16	94	185	1,308
Laclede	107	132	33	34	67	1			47		29				15	19	47	228	759
Lafayette	551	812	75	25	1,074	324	48		4		255	16,708			7	58	8	1,470	21,419
Lawrence	138	170	8	34	227	5	2		4		13		52	707	1		2	1,527	2,890
Lewis	281	462	45	37	181	8	127		319						1	71	130	374	2,086
Lincoln	190	408	22	30	603	1	55		40	5	47				1	96	478	552	2,528
Linn	742	475	43	28	2	3	95	1	11	3	48	478				2		269	2,200
Livingston	308	425	105	13	35	19	167	4		4	205					10	54	989	2,338
McDonald	19	30		6					1							207	11	436	710
Macon	317	408	63	32	53	5	23		212		122	21,965				62	153	573	23,988
Madison	83	29	6	7	25		2		4			9	218			742	110	269	1,504
Marion	97	127	42	20	35	9	1				3					8,105		2,797	11,236
Mercer	251	195	13	15	2	1	39		1		46	1			11	1	157	383	1,116
Miller	49	94	2	14	18		1			2	2					6	76	493	757
Mississippi	48	36	1		54	306			1		33						515	1,203	2,197
Moniteau	153	283	47	42	212	2	94		1	5	12	5				4		343	1,203
Monroe	469	432	43	81	97	9	3		64		2					59	217	291	1,772
Montgomery	313	439	69	26	11	12	117		17	14		37				38	147	326	1,566
Morgan	85	153	7	14	40	3	15		3	3	4	13	1			17	154	76	588
New Madrid	6				298											620		69	993
Newton	115	119	8	21	200	16	7		125	6	12		15	304		61	20	1,226	2,255
Nodaway	2,118	1,557	103	32	91	975	160		20		134	1				16		429	5,636
Oregon	16	4	3													1	76	10	110
Osage	64	145	7	16	337	12									1	1	78	101	762
Pettis	562	533	81	102	136	357	225		106	52	23					239	12	678	3,116
Phelps	195	148	17	119	39	1	1		2		8				158	122	176	861	1,847
Pike	339	453	84	72	420	11	25		147	4	352					1,734	176	3,000	6,867
Platte	183	453	6	9	513	12	2		2		119	13			17	287	7	2,571	4,194
Polk	205	313	29	11	24	25	16		28	2	32	4				37	4	600	1,360
Pulaski	174	112	12	39	91				2		3	3				8	48	110	602
Putnam	279	165	30	15	2	12	61	3		1	32	4,514				5	2	89	5,210
Ralls	96	125	1	20	234		2		29		16	2				2	12	165	704
Randolph	388	426	131	64	65	3			31			9,444				77	361	791	11,781
Ray	550	456	19	6	263	16	21				51	9,809				266	20	736	12,213
Reynolds																614			614
Ripley	24	75	1	5												845	112	126	1,188
St. Charles	127	216	3	22	595	219	9				14					172	562	4,337	6,276
St. Clair	182	283	11	8	11	323	130		412	109	69	173			4	204	93	413	2,425
St. Francois	83	48	10	27	58	4			6		1		902	85	5,950	31	3	1,846	9,053
St. Louis	22	57	1	1	226	35			2	2	7					5		6,528	6,886
Saline	1,511	751	228	74	859	117	5		25		196	13			2	41	150	1,357	5,329
Schuyler	362	337	58	40	6	23	126		8	1	21					26		589	1,597

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MISSOURI'S SURPLUS—Continued.

Counties.	Cattle	Hogs	Horses & mules	Sheep	Wheat	Corn	Oats	Other seed	Hay	Flax	Fruit	Coal	Lead	Zinc	Pig iron, scrap iron, iron ore	Lumber	Ties	Other shipm'ts	Total
Scotland	222	184	72	10	7	1	179		2	3						27	56	32	$795
Scott	62	42			382	562										329	30	1,403	2,810
Shannon						1					1					5,549	64	1,757	7,372
Shelby	461	609	77	79	124		38		189	1								96	1,674
Stoddard	33	76	2	4	27	38		35	2						3	150	4,137	925	5,432
Sullivan	772	275	59	28	4	5	59		4		34	6				22	662	230	2,160
Texas	39	7		3							5					998	525	2	1,579
Vernon	721	454	58	6	2	347	43		540	214	149	1,664				8	9	590	4,805
Warren	69	79		5	67		25			2	3					84	317	429	1,080
Washington	16	6	11	4	13	4					1	1	64	8	3	22	4	1,271	1,428
Wayne	51	13	1		2	1			3						1	3,528	954	1,531	6,085
Webster	129	61	46	24	69	2	3		10		35				15	154	1,480	470	2,498
Worth	217	299	18		5	97	63		24		34				1	5		49	812
Wright	110	83	36	9					2		10	3	1		1	61	1,219	156	1,691
Totals	33,363	32,038	3,482	2,496	16,814	12,366	5 354	321	6,899	1,945	4,793	120,349	3,345	4,061	18,124	37,976	19,309	105,084	428,019
St. Louis city																			10,601
Kansas City																			1,778
Grand total																			440,398

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MISSOURI'S SURPLUS.

TABLE SHOWING BY COUNTIES THE COMMODITIES MARKETED BY RIVER AND DRIVEN IN DURING THE YEAR 1890.

Counties.	Cattle (head)	Calves (head)	Hogs (head)	Horses and mules (head)	Sheep (head)	Wheat (bushels)	Corn (bushels)	Other seed (bus)	Hay (bales)	Fruit (barrels)	Lumber (feet)	Ties	Poultry (coops)	Eggs (cases)	Flour (sacks)	Bran (sacks)	Lime (barrels)	Miscellaneous packages	Cotton (bales)	Cotton-seed (sks)	Hides (bundles)	Logs	Meal (barrels)	Wool (sacks)	Cider, cider syrup and vinegar (bbls)
Boone	19		500			20,586				3324		1,718													
Callaway	14		472	2	14	15,100				319															
Cape Girardeau	1,843		7,478	25	2642	26,646		448				346,000													
Clark	552		63	82		690	2,896	5,422	991								60	133							
Carroll				15		990									1,000	219									
Cole			394		13	8,652				152	6,600														
Cooper			16			31,368					9,000	2,872			290										
Franklin	63		243		46	3,416				14	3,340														
Howard			207			5,248				8	12,129														
Jefferson	2,301	1330	1,040		181	218,500																			
Lafayette	34					1,064				40															
Lewis	69	1074		97	72	3,842	424	5,197	6870		20,000		3		1,250		1,931	229							
Lincoln	112		673	23	33	1,358				231								89							
Mississippi	43		131				374,690				6,088,000		50						50						
Monitean	13		390			2,590				22															
Montgomery						192																			
New Madrid	528		1,781	58	28	19,029	198,848	768			2,591		7	86					3114	17,356	293	1,650	1569		
Osage			11			508				196					491			234	2186	17,726	820	9,304			
Pemiscot	303		571				3,980		8		7,913		270	177											
Perry	788		6 926		1517	82,094	31,482	464	1821			15,400	1178	7,255	95,136	13,790					1845			183	
Pike	239		2,016	181	411	1,572				1571			79		513		3,094	3,070							1102
Ray						2,294																			
St. Charles	347		1,858	6	75	71,624	133,146	273		1235			33	181	699			5,520							
Ste Genevieve	1,153		7,532		1008	74,538	6,956						2062	8,502	48,574	8,037	13,428	775			1107			298	
St. Louis	7,039	1660	6,485		368	431,795																			
Saline	10		804	10		37,368				820	4,000														
Warren	27		336		50	19,258				718															
Totals	15,495	4064	39,927	733	6462	1,080,322	752,422	12,572	9690	8650	6,153,773	365,990	3682	16,201	147,893	22,046	18,513	10,050	5350	35,062	4065	10,954	1569	481	1102

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VALUE OF SURPLUS COMMODITIES.

By rail.....	33,263 cars cattle, 20 head to car..	665,260		
By river.....		20,325		
Total cattle.....		685,585	head at $40 per head.....	$27,423,400
By rail.....	32,038 cars hogs, 60 head to car...	1,922,280		
By river.....		43,334		
Total hogs.....		1,965,614	head at $8 per head.....	15,724,912
By rail.....	3,482 cars horses & mules, 20 to car	69,640		
By river.....		1,024		
Total horses and mules.....		70,664	head at $100 per head....	7,066,400
By rail.....	2,496 cars sheep, 80 head to car..	199,680		
By river.....		24,566		
Total sheep.....		224,246	head at $3.75 per head...	840,922
By rail.....	16,814 cars wheat, 500 bu. to car..	8,407,000		
By river.....		412,608		
Total wheat.....		8,819,608	bushels at 80c per bu....	7,055,686
By rail.....	12,366 cars corn, 500 bu. to car....	6,183,000		
By river.....		715,620		
Total corn.....		6,898,620	bushels at 25c per bu....	1,724,655
By rail.....	5,354 cars oats, 1,000 bu. to car..	5,354,000		
By river.....		21,400		
Total oats.....		5,375,400	bushels at 25c per bu....	1,343,850
By rail.....	19,309 cars ties, 200 ties to car	3,861,800		
By river.....		363,118		
Total ties		4,224,918	ties at 30c per tie	1,267,475
By rail.....	120,499 cars coal, 18 tons to car....	2,169,382	tons at $1.40 per ton.....	3,037,134
By rail.....	1,945 cars flax, 500 bushels to car.	972,500	bu. at $1.34 per bu.....	1,303,150
By rail.....	3,345 cars lead, 18 tons to car....	60,210	tons at $45 per ton.....	2,709,450
By rail.....	4,061 cars zinc, 18 tons to car....	73,098	tons at $24 per ton.....	1,754,352
By rail.....	6,899 cars hay, 18 tons to car...	124,182	tons at $5 per ton.....	620,910
By rail	4,793 cars fruit.....	862,740	barrels at $1.50 per brl ..	1,293,110
By rail.....	321 cars other sd. (tim., clo , etc.)	160,500	bushels at $3 per bu	481,500
By rail.....	18,124 cars iron, 18 tons to car	326,232	tons at $2.45 per ton.....	799,268
By rail.....	46,909 cars lumber.....	328,363,000	feet at $10 per M.....	3,283,630
By rail.....	11,684 cars flour.....	1,752,600	barrels at $4.50 per bbl.	7,836,700
By rail.....	8,788 cars lime.....	1,618,912	barrels at 50c per bbl....	809,456
By rail..... ..	2,253 cars cooperage.....	.....		675,900
By rail.....	448 cars poultry, 109 coops to car	48,832		
By river.....		5,852		
Total poultry.....		54,684	coops, 80 lbs. each, 10c lb.	437,472
By rail.....	72,828 cars miscellaneous.....		$250 per car	18,207,000
from St. Louis	10,601 cars pressed brick and sewer pipe.....		$98.57 per car.....	1,044,943
from Kan. C.	1,778 cars pressed brick and sewer pipe.....		$91.06 per car.....	161,908
Totals.....	440,398 cars.....			$106,903,183

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The reader understands that miscellaneous shipments contain not only stock and grain of all kinds, but fruit, lumber, ties, pottery, minerals, in fact something of everything shipped from the State; and if the output of a certain commodity in the different counties does not come up to what it should, it will be found in the miscellaneous column. This investigation not having heretofore been made, it was found impossible to make the classification any nearer than has been done.

In placing a valuation on the different commodities, great care has been taken to make it a conservative one, and from an examination of the table showing "value of surplus commodities," the reader will find that the values fixed are far from excessive. In placing a valuation on the 72,828 cars of miscellaneous shipments, it must necessarily be an approximate one. There are 52 commodities that enter into the miscellaneous shipments, such items as glass, tobacco, gravel, wood, posts, piling, brick, pickles, castor-beans, tiff, watermelons, bran, meal, pottery, eggs, saw dust, hides, nursery stock, cotton, ice, corn-cobs, etc., etc., vary in value from several thousand dollars per car (glass) to less than one hundred dollars per car (saw-dust); but placing an average value on the miscellaneous shipments of $250 per car makes $18,207,000; this sum added to the amounts realized from the surplus cattle, hogs, etc., gives a grand total for the entire State of $106,903,183. See page 152.

The reader must remember that during the year 1890 there was continued drougths and in consequence the grain and feed crops were cut very short; that the price of live-stock of all kinds was low, and no more was shipped than could be helped; that the beginning and ending of 1890, the weather was mild and the demand for coal was limited; that owing to the stringency of the money market few railroads were built, and consequently but little demand for ties and bridge-building material; but in the face of all these facts Missouri produced a surplus valued at $106,903,183. This certainly is an excellent showing, and one that will compare favorably with any country. The above sum does not include the value of shipments made in less than car-load lots, nor the value of the immense amount of fruit, poultry, butter, eggs, etc., etc., shipped by express.

Without the hearty co-operation of the owners of steamboats and managers of railroads, it would not have been possible to give this information. As soon as the subject was presented and explained, each seemed anxious to contribute his effort for the information of the public and benefit to the State, and at once gave an order that the information be furnished, or permission to the Bureau for its collection. Many of the station agents on the railroads, especially at the ordinary sized places, usually perform multifarious duties, leaving little time

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during working hours to compile the shipments; besides, the books kept at the stations do not conform to the queries of the Bureau. Railroads generally tabulate shipments as tonnage; cattle, horses, mules, hogs and sheep as live-stock; corn, wheat, oats, barley, rye, etc., as grain; whereas it is important that each commodity be separately set forth, so as to show the specific stock, grain or mineral of a given county.

The more accurate in detail, the more interesting and valuable this data would become. To say that a county shipped one hundred cars of miscellaneous freight does not impart precise knowledge; they may have been car-loads of horses, pig-lead or wheat, but the primary object is defeated by not being specific. When the products of a county are various in the aggregate, they may be said to be miscellaneous, but usually each car is a unit of some one product, with an occasional exception of a car-load of mixed live-stock.

The Bureau is impressed with the importance of continuing this investigation next year, and if it can have the same co-operation of the transportation companies, it will endeavor to eliminate, or at least minimize the miscellaneous column, and also hopes to compile the shipments in less than car-load lots, and also express shipments of poultry, eggs, berries and vegetables, which altogether will aggregate a large tonnage, and represent hundreds of thousands of dollars which should be added to Missouri's surplus.

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MANUFACTORIES IN MISSOURI.

Heretofore the Bureau has only presented a meager exhibit of the manufacturing industries of the State. Those desiring any information relative to data touching this subject, have been only able to glean it from the government statistics compiled at intervals of a decade. Few, comparatively, have these compilations, making it a difficult matter for the average citizen to inform himself when disposed to do so.

Outside of the city of St. Louis, the showing is quite complete from all the counties visited except Crawford county, in which is located the Midland Blast Furnace company, and the Sligo company—both refusing to make a report. The Southwest Missouri Lumber company at Willow Springs, Howell county, failed to send their report after promising to do so. The Crystal City Plate Glass company is classified with the St. Louis factories, as it is the only works of the kind in the State outside of St. Louis; Jefferson county, therefore, loses this showing in order to prevent exposing the returns of a single establishment. With these exceptions, and small mills located in country places, and making allowance for an occasional oversight which may have happened, the statistics given for 86 counties are complete. All the counties in North Missouri (44) are included, and 42 counties south of the Missouri river were visited. It was quite easy to gather information in this territory; with scarcely a single exception it seemed to afford the people with whom the agents came in contact real pleasure to give any information that would be of any advantage to the Bureau or the State. Their ledgers were open to inspection and every proper facility afforded for a complete and accurate exhibit. In the city of St. Louis it was much more difficult, though the agents were with few exceptions treated with courtesy. The time of city people is more engrossed with affairs; they are called on much oftener and have to consider such a variety of things, may, in part, account for the seeming tardiness with which they responded; but there were many exceptions, as quite a number of reports were returned promptly. It is gratifying to say that the Bureau is able to present a showing from 557

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establishments in St. Louis as against 160 in the report of 1890. The very large manufactories, with scarcely an exception (except the cracker factories), made returns, so that an estimate of the showing is 85 per cent of the volume of the manufacturing done in that city by those the Bureau asked to make returns, though the number not reporting, while small comparatively in amount of goods manufactured, represent in the neighborhood of one-third of those classed as factories.

The time and money at the disposal of this department would not permit the scope of inquiry made by the United States government at the decennial periods, and is limited to what we conceive to be the most obvious and prominent forms. "Manufacture," as defined by Webster, is "the process of reducing raw materials to a form suitable to use, by the hands, by art or by machinery;" hence the shoes made by a shoemaker and sold direct to the consumer, the bread of the baker, the suit of the tailor, the building trades, the constructing of streets, and painting a picture, and in illimitable ways are raw materials reduced to form suitable to use by hands, by art and by machinery. By pursuing inquiry on this line, the number of factories could be greatly multiplied, and the aggregate product wonderfully augmented. The amount of the manufacturing done is not the purpose but an incident to the collection of other data deemed important by the framers of the law creating the Bureau. The showing may be valuable, not because it is an exhaustive exposition of the subject, but rather indicative of what a complete exhibit would be. Some lines—for instance breweries, tobacco factories, flour mills, etc.—are complete; in many others, some mention of which is made further on, are not complete. No one need be misled if he will bear in mind that the showing is only for the number and kind of establishments mentioned, and is therefore not in conflict with showings which have or may be made, embracing more or different data than is here presented.

Missouri averages so high in the production of the cereals, livestock, grasses, fruit, lead, coal, lumber, iron, zinc and manufacturing in such varieties that she is scarcely expected to lead in any one thing. Her flour industry, however, is so large as to place her second among the states. Of the 307 mills, 9 are located in St. Louis, 3 in Kansas City, 4 in St. Joseph, and 291 are distributed in 77 of the 86 counties visited. In these mills 1888 people are employed—1865 males and 23 females; $1,038,454 are paid out for wages and salaries; $212,587 for insurance and taxes; $23,997,693 for wheat. The flour manufactured is valued at $29,544,101. St. Louis leads any city in the Union in several lines, but as the United States statistics for this decade have

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not been published, it is not possible to make comparison to determine whether it might also place Missouri ahead in these lines.

St. Louis is first in beer, valued at $11,039,705—an increase of $800,169 over 1890. She is also ahead in the manufacture of tobacco, producing $13,007,554.90. More tents are made in St. Louis than elsewhere; indeed she produces about one-half that are made in the United States. She is the pressed brick center. The Missouri clay is especially adapted to building brick, and when burned has the rich red color so much admired and which can only be found in a few favored localities. More fire-brick and sewer pipe is made in St. Louis than in any other city. The showing is gratifying in the production of railroad cars and street cars; these items foot up $4,640,636.48. She is one of the furniture centers, her output being $1,950,592. With incompleted returns, the value of carriages, buggies and wagons is $2,741,600.67. Clothing shows a valuation of $3,959,631. The cooperage industry is large, $1,181,353.75. Flour, $6,429,070.62. Glass aggregate $1,492,188. Soap and lard, $2,822,600. Chemicals and medicines, $2,838,653.29.

Under the head of iron products we have	$3,838,500
Foundries and machine shops	3,151,037
Stoves	1,595,518
All forms of iron	8,585,055

The exhibit for bags and bagging is incomplete, but what we have shows $2,881,000.

The most marvelous progress, perhaps, is shown in the item of shoes, $3,274.048. Twenty years ago the amount of shoes made was not worth mentioning. In this period she has leaped ahead of all competitors except Boston, and by the end of this century will probably be the shoe market of the world.

This synopsis may be of interest to those who prefer a general outline at a glance. In the review of the counties only the more prominent industries will be mentioned, with additional mention of establishments especially large, or that are characteristic of or peculiar to the locality:

Adair—Has two cigar factories, flouring mill, variety works, wagon factory.

Andrew—Creamery, two flouring mills.

Atchison—Tile factory, creamery, flouring mill.

Audrain—Largest fire-brick works outside of St. Louis; two flour-mills; one among the cigar factories employs 13 persons.

Barton—Fruit evaporator; two flour mills; foundry; cigar factory.

Bates—Zinc smelter, employs 130 men; four flour mills; cigar factory, employing twelve hands; foundry.

Boone—Broom factory; cigar factory; wagon factory; four flour mills; the largest publishing house in the State outside of the large cities.

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Buchanan—St. Joseph is a prosperous city with returns from eighty-one factories, employing 3,048 hands, 1,862 males and 1,186 females; value of goods manufactured, $7,000,125.65; she has the largest woolen mill in the West, value of product, $263,259; in the manufacture of overalls 497 employes are on the pay-roll, fifty-seven of whom are men and 440 women, and producing $587,000 worth of goods, in which she leads any city in the State; she also produces $560,000 in men's furnishing goods, employing 61 men and 595 women; total, 656.

Butler—Has the largest stave factory in the world; basket factory; the saw-mills employ 460 men, and produce $346,000 in lumber.

Caldwell—Two flour mills; furniture factory.

Callaway—Large lime interest; fire-brick works; three flour mills.

Cape Girardeau—Seven flour mills; four cooper shops; earth-paint mills; in all twenty-four establishments, employing 157 men, producing value amounting to $935,581.83.

Carter—Has the largest saw-mill plant in Missouri; employes 500 men; value of product, $400,000; also five other saw-mills, employing in the aggregate 185 men; the lumber valued at $185,000.

Carroll—Two tile-works; canning factory; creamery, agricultural implement works; six flour-mills; two foundries; four saw-mills; one novelty wood-works; two factories for prizing tobacco, altogether employing 515 men and 89 women, total, 604; value of products, $771,222.

Cass—Carriage factory; canning factory, which employs 50 males and 50 females; woolen-mill of importance.

Chariton—Three tobacco factories; four flour-mills; four cigar factories; creamery; canning factory; tile-works.

Clark—Largest pickle works in the State outside of St. Louis; canning factory; flour mills.

Clay—Largest handle factory in the State, employing 80 men; the handles bring $117,900; three distilleries; four flour-mills.

Clinton—Two cheese factories; three flour-mills; one cigar factory.

Cole—Two large flour-mills; three shoe factories; paper box factory; two foundries; six cigar factories; planing mill; two brick-yards; one brewery.

Cooper—Two potteries; cooper shop, employing 15 men; carriage factory; foundry; tobacco factory; six flour-mills; value of products, $621,737.

Crawford—Two of the largest iron blast furnaces in the State, which do not appear in the tables for reasons given; three flour-mills.

Dade—Stone works; two lime works; creamery; three flour-mills.

Daviess—Four flour-mills; one wood-work factory.

DeKalb—Creamery; two flour-mills.

Dunklin—Two stave factories; three saw-mills, altogether employing 250 men.

Franklin—The largest zither factory in the United States; largest corn-cob pipe factory in the State; brewery; carriage and plow factory: cheese factory; creamery; shoe factory; five flour-mills; other factories all aggregating 27, giving employment to 245 persons; products valued at $811,343.

Gasconade—Wine company; brewery; flour-mill; machine shop.

Gentry—Handle factory; two tile works; four flour-mills; broom factory.

Greene—Next to St. Louis, it has the largest wagon factory; three tobacco factories; saddle and harness factory; evaporator; carriage factory; two cooper shops; five cigar factories; creamery; eight flour-mills; three foundries; ice plant; four planing-mills; one stone works; four lime-kilns of capacity which makes the county first in lime.

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Grundy—Two flour-mills; wagon factory.

Harrison—Woolen-mill; two wagon factories; furniture factory; canning factory; flour-mill.

Henry—Large deposits of finest potter's clay; six potteries, one of which is the largest in the State; ranks next to St. Louis and Kansas City in the production of sewer-pipe; vitrified brick works; tile works; five flour-mills.

Holt—Two flour-mills; fence factory; excelsior factory; canning factory; creamery; broom factory.

Howard—Two large flour-mills.

Howell—Large lumber plant at Willow Springs which failed to report; two flour-mills at West Plains.

Iron—Two granite quarries, one of which is the largest in the State, producing dimension stone and cut granite; thirteen saw-mills; flour-mills.

Jackson—Independence has a large flour-mill; large woolen-mill; foundry; wagon factory, etc. At Kansas City, two agricultural implement factories; four breweries, producing $1,174,000; bolt and nut-works that employ 150 men and produce goods valued at $250,000; the largest cereal-mill, making an output of $640,000; the business of two cracker factories amounts to $1,100,000; one sash, door and blind factory employs 200 men; large sewer-pipe works; altogether there are 208 establishments, employing 4,224 men, 676 women, total 4,900; value of goods manufactured, $16,723,665.

Jasper—Canning factory; creamery; two evaporators; nine flour mills; eight foundries; two ice plants; brewery; two woolen mills; zinc smelter, employing 80 men; lead works, employing 100 men; three lime kilns; building stone works, employing 914 people, 737 males and 177 females; value of goods manufactured, $3,227,402.

Jefferson—Large plate glass works; two flour mills.

Johnson—Two sand-stone quarries; canning factory; six flour mills.

Knox—Four wagon factories; creamery; flour mill.

Laclede—Four flour mills.

Lafayette—Apiary and box factory; three canning factories; brewery; three tile works; furniture factory; hemp factory; ten flour mills.

Lawrence—Creamery; canning establishment; two lime-kilns; eight flour mills.

Lewis—Saw mill, employing 110 males and 12 females; planing mill; two flour mills.

Lincoln—Four flour mills; wagon factory.

Linn—Two creameries; six flour mills.

Livingston—Church fixtures works; two novelty wood works; handle factory; stave factory; two flour mills.

Macon—Wagon factory; creamery; foundry; four flour mills.

Madison—Lead works, employs 300 men; two saw-mills; two flour-mills.

Marion—Third in the manufacture of cigars; second in lime; the product of one saw mill is $400,000 annually; second in stoves; six planing mills; five flour mills; two breweries; five cooper shops; foundry.

Mercer—Flour mill; wagon factory; woolen mill.

Mississippi—Saw-mill, employing 200 men; flour mill; basket factory.

Moniteau—Woolen-mill; pottery; three flour mills.

Monroe—Seven flour-mills; woolen factory.

Montgomery—Two tobacco factories, employing 151 males, ninety-five females—total, 246; produced goods valued at $446,000; box factory; three flour-mills.

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New Madrid—Saw-mill, employing 125 men, runs day and night, except Sunday; lighted by arc and incandescent lights.

Newton—Lead smelter; two wagon factories; plow factory; foundry; seven flour-mills.

Nodaway—Two creameries; two tile-works; carriage factory; seven flour-mills.

Pettis—Candy factory; brewery; carriage factory; furniture factory; ice plant; woolen-mill; pants, shirts and overall factory; agricultural implement works; seven flour-mills.

Phelps—Two flour mills.

Pike—Second in manufacturing tobacco; paper mill; woolen mill; one cider and two vinegar works; two lime-kilns; two carriage factories; foundry; planing mill; two stone works; five flour mills.

Platte—Brewery; two distilleries; three flour mills.

Polk—Largest charcoal works in the west; creamery; evaporator; seven flour mills.

Pulaski—Stave factory.

Putnam—Two flour mills.

Ralls—Two flour mills; straw-stacker factory.

Randolph—Two rake and stacker factories; wagon factory; four flour mills; foundary; railroad machine shops employing 500 men.

Ray—Box factory; canning factory; four flour mills.

Ripley—Five saw mills.

St. Charles—Next to St. Louis city in the manufacture of railroad cars; tobacco factory; two breweries; five flour mills.

St. Clair—Cheese factory; two flour mills.

St. Francois—First in pig-lead, employing 965 men, producing goods valued at $1,352,210; granite block works; four wagon factories; five flour mills.

Warren—Wagon factory; two flour mills.

Washington—Ten lead smelters; flour mill.

Wayne—Wagon spoke factory; flour mill; five saw mills.

Worth—Two flour mills.

The totals for the manufactories visited are as follows: 1,849 establishments employ 63,399 persons, of which number 52,434 are males and 10,965 females; amount paid out for salaries, $31,441,919.18; for taxes and insurance, $6,115,815.25; value of raw material used is $95,952,192.24; value of goods manufactured, $161,537,092.91; of this amount St. Louis produced $98,887,742.91, or a little more than 61 per cent; gives employment to 7,612 females, or nearly 70 per cent; 30,778 males, or nearly 59 per cent; total, 38,390 persons, or nearly 60 per cent of all employed in factories. The general condition of factory employes in Missouri is treated under the head of "Factory Inspection."

Nothing more need be said except to remark that if the mills in the lumber section would adopt weekly payment they would be in line with the great industries in the other parts of the State. Nothing in this connection is more gratifying than the practical unanimity of the factories in the prompt payment of wages weekly. There are no

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insuperable objections to be urged against the adoption of this just plan by the mills of Southeast Missouri.

The factories of Missouri are prosperous with scarcely an exception. This is not intended to imply that they are unduly so. There are, of course, favored industries, favored because of little competition or by a protective tariff, but the great majority are prosperous only to the degree deserved consonant with the risk incurred, the capital employed, and ability in management. This Department deals only with facts as they are, leaving to others the pleasing task of foretelling what are the possibilities of future developments. However, in closing this chapter, it may be pertinent to express in one sentence the matured opinion of every loyal, thoughtful citizen of the State, that Missouri in her resources is abundant and unique. The ideal State unites, in happy proportions, agriculture, fruit, stock-raising, minerals, coal, stone, fire-clay, timber and water. No contiguous territory of approximate area is so fruitful of all the elements of prosperity as is united in this great commonwealth.

For details see the tables that follow, which show the manufacturing industries for each county and the city of St. Louis, the showing in aggregate of the leading articles manufactured, and the totals for the entire State.

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ADAIR.

No. of establishment...	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes...	No. of horse-power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material...	Amount paid during past year for Wages.	Amount paid during past year for Salaries...	Total amount paid for wages and salaries...	Amount paid for Taxes.	Amount paid for Insurance	Total amount paid for taxes and insurance
1..	Cigar	2	1	3	.....	50	$4,500	$1,300	$1,050	$360	$1,410	$475	$15	$490
2..	Cigar	2	1	3	.....	40	3,500	800	840	300	1,140	400	15	415
		4	2	6	.....	90	8,000	2,100	1,890	660	2,550	875	30	905
3..	Electric light	2	.....	2	135	52	9,300	.....	624	1,000	1,624	250	80	330
4..	Flour	4	.....	4	80	40	41,640	32,000	1,440	1,500	2,940	175	650	825
5..	Foundry	4	.....	4	110	50	6,000	1,500	2,100	.....	2,100	50	50	100
6..	Planing	4	.....	4	14	32	4,000	1,500	1,536	.....	1,536	15	.....	15
7..	Variety	10	....	10	35	0	15,000	5,000	6,250	.....	6,250	50	75	125
8..	Wagon and buggy	6	.....	6	20	50	7,800	3,000	2,700	.....	2,700	25	15	40
	Totals	34	2	36	394	.....	91,740	45,100	16,540	3,160	19,700	1,440	900	2,340

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ANDREW.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total amount paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance	Total amount paid for taxes and insurance
1..	Creamery	2	.....	2	.....	24	$2,175	$1,290	$100	.....	$100	.....	.....	.....
2..	Flour	3	.....	3	45	52	16,125	13,050	2,500	.....	2,500	$30	$80	$110
3..	Flour	6	.....	6	90	36	66,000	42,000	1,800	.....	1,800	125	270	395
		9	.....	9	135	.....	82,125	55,050	4,300	.....	4,300	155	350	505
4..	Marble work	5	.....	5	.....	52	5,000	1,200	2,500	.....	2,500	60	10	70
5..	Wire fence	2	.....	2	.....	2	160	52	14	.....	14	.....	.....	.....
	Totals	18	.....	18	135	.....	89,460	57,592	6,914	.....	6,914	215	360	575

ATCHISON.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total amount paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance	Total amount paid for taxes and insurance
1..	Brick and tile	20	.....	20	50	25	$6,450	$400	.....	$4,350	$4,350	$50	.....	$50
2..	Butter and cheese	2	.....	2	12	40	6,680	1,225	$720	.....	720	.....	.....	.....
3..	Flour	3	.....	3	40	35	28,805	21,945	630	.....	630	30	.....	30
4..	Lumber	4	.....	4	20	12	3,000	1,500	120	.....	120	15	.....	15
	Totals	29	.....	29	122	.....	44,935	25,070	1,470	4,350	5,820	95	.....	95

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AUDRAIN.

No. of establishment	Kind of establishment.	No. of employes		Total number of employes.	No. of horse power.	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total amount paid for wages and salaries	Amount paid for		Total amount paid for taxes and insurance
		Males	Fem.						Wages.	Salaries.		Taxes.	Insurance	
1..	Cigar	3	.....	3	.....	52	$4,000	$2,000	$900	.....	$900	$15	$5	$20
2..	Cigar	13	.....	13	.....	52	18,000	5,000	8,000	$1,500	9,500	50	50	100
3..	Cigar	1	.....	1	.....	52	1,000	300	.....	.....	.....	5	5	10
		17	.....	17	.....	.....	23,000	7,300	8,900	1,500	10,400	70	60	130
4..	Fire-brick and tile	18	.....	18	20	22	3,500	450	2,200	450	2,650	50	50	100
5..	Fire-brick	100	.....	100	95	52	187,500	55,000	35,000	6,500	41,500	95	450	545
6..	Brick	25	.....	25	.....	26	12,000	.....	5,625	.....	5,625	.....	.....	.....
		143	.....	143	115	.....	203,000	55,450	42,825	6,950	49,775	145	500	645
7..	Blacksmith and carriage	6	.....	6	.....	52	1,500	.....	.....	.....	.....	.....	.....	.....
8..	Flour	5	.....	5	60	24	.....	.....	.....	.....	.....	.....	800	800
9..	Flour	10	.....	10	100	50	137,265	120,200	4,650	4,000	8,650	275	1,200	1,475
		15	.....	15	160	.....	137,265	120,200	4,650	4,000	8,650	275	2,000	2,275
10..	Marble	6	.....	6	.....	52	12,000	5,000	4,050	2,500	6,550	40	25	65
	Totals	187	.....	187	275	.....	583,765	187,950	60,425	14,950	75,375	530	2,585	3,115

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BARTON.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem	Total No of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages	Amount paid during past year for Salaries	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Carriages	5	.....	5	.....	52	$7,000	$2,000	$3,120	.....	$3,120	$10	$15	$25
2..	Chairs	2	.....	2	.....	12	750	250	216	.....	216	.....	.....	.....
3..	Cigars	4	.....	4	.....	52	5,250	1,800	2,496	.....	2,496	465	10	475
4..	Evaporator	12	12	24	.....	14	11,150	5,000	1,764	.....	1,764	10	10	20
5..	Grist-mill	7	.....	7	65	52	98,625	80,750	3,790	.....	3,790	275	500	775
6..	Grist-mill	2	.....	2	40	52	47,347	38,587	936	.....	936	100	250	350
		9	.....	9	105	.....	145,972	119,337	4,726	.....	4,726	375	750	1,125
7..	Foundry and machine	3	.....	3	20	52	5,000	2,000	1,872	.....	1,872	20	15	35
8..	Grist-mill	1	.....	1	25	26	3,000	2,250	390	.....	390	15	.....	15
9..	Grist-mill	1	.....	1	40	26	12,000	9,000	390	.....	390	30	20	50
		2	.....	2	65	.....	15,000	11,250	780	.....	780	45	20	65
10..	Marble works	2	.....	2	.....	52	5,000	2,500	1,248	.....	1,248	10	.....	10
11..	Water and electric lights	6	.....	6	150	12	3,267	.....	648	.....	648	....	.....	.....
	Totals	45	12	57	340	.....	198,389	144,137	17,070	.....	17,070	935	820	1,755

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BATES.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brick													
2	Brick	30		30		24	$9,750		$5,400		$5,400			
		30		30		24	9,750		5,400		5,400			
3	Broom	1		1		52	1,800	$600	450		450			
4	Cigar	12		12		52	18,000	6,000	7,488	$900	8,388	1,525	$25	$1,550
5	Cigar					52	3,000	1,000				310	10	320
		12		12			21,000	7,000	7,488	900	8,388	1,835	35	1,870
6	Machinery	6		6	15	52	7,000	1,500	3,744		3,744	50		50
7	Marble works	6		6		52	12,000	4,000	3,306	2,000	5,306	75		75
8	Flour and feed	12		12	120	22	74,040	60,045	2,376	1,000	3,376			
9	Flour and feed	1		1	50	18	6,000	4,500	162		162	15		15
10	Flour and feed	4		4	40	52	39,956	32,531	1,872		1,872	100	500	600
11	Mill products and brick	10		10	60	40	38,163	26,595	3,000		3,000	80		80
		27		27	270		158,159	123,671	7,410	1,000	8,410	195	500	695
12	Zinc	130		130	50	52	280,000	140,000	71,175	10,000	81,175	1,000	800	1,800
	Totals	212		212	335		489,709	276,771	98,973	13,900	112,873	3,155	1,335	4,490

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BOONE.

No. of establishment...	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes...	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material ...	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance...
1..	Brick	25	.....	25	.....	28	$8,400	.....	$5,000	.....	$5,000	$25	.....	$25
2..	Broom	7	.....	7	.....	50	9,000	$4,000	2,550	$1,000	3,550	15	$20	35
3..	Cigar	5	.....	5	.....	52	7,000	3,700	2,500	.....	2,500	650	18	668
4..	Flour	10	.....	10	80	40	94,000	73,500	4,500	.....	4,500	450	1,500	1,950
5..	Flour	6	.....	6	60	48	61,500	49,500	2,700	2,900	5,600	35	650	685
6..	Flour	1	.....	1	35	40	49,000	41,850	300	.....	300	50	400	450
7..	Flour	3	.....	3	35	30	27,250	24,250	625	.....	625	....	240	240
		20	.....	20	210	.....	231,750	189,100	8,125	2,900	11,025	535	2,790	3,325
8..	Printing	30	15	45	10	52	.....	.....	.....	.....	.....	.....	.....	.....
9..	Wagon	10	.....	10	40	52	14,000	5,368	6,000	.....	6,000	50	125	175
	Totals	97	15	112	260	.....	270,150	202,168	24,175	3,900	28,075	1,275	2,953	4,228

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BUCHANAN.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Awnings, tents, etc	12	8	20	2	44	$35,000	$18,500	$6,600	.....	$6,600	$60	$300	$360
2	Book bindery	4	.....	4	.....	52	6,500	3,300	1,360	.....	1,360	30	50	80
3	Boot and shoe	40	10	50	25	50	69,000	19,000	45,000	.....	45,000	.....	1,000	1,000
4	Boot and shoe	19	6	25	15	8	.....	.....	3,000	.....	3,000	.....	.....	.....
5	Boot and shoe	4	.....	4	.....	52	8,000	5,400	800	.....	800	25	18	43
		63	16	79	40	.....	77,000	24,400	48,800	.....	48,800	25	1,018	1,043
6	Brewery	18	.....	18	175	52	100,000	50,000	15,000	.....	15,000	2,000	750	2,750
7	Brewery	8	.....	8	25	52	21,200	9,947	4,160	.....	4,160	2,757	176	2,933
8	Brewery	20	.....	20	10	52	98,000	41,400	12,480	.....	12,480	300	225	525
9	Brewery	20	.....	20	160	52	87,500	40,000	12,480	.....	12,480	12,476	.....	12,476
		66	.....	66	370	.....	306,700	141,347	44,120	.....	44,120	17,533	1,151	18,684
10	Brick	6	.....	6	.....	24	4,500	.....	1,800	.....	1,800	17	.....	17
11	Brick	20	.....	20	.....	24	9,000	.....	3,085	.....	3,085	50	.....	50
12	Brick	21	.....	21	.....	24	10,067	.....	4,804	.....	4,804	100	.....	100
13	Brick	83	.....	83	.....	32	65,000	14,000	40,000	.....	40,000	245	200	445
14	Brick	21	.....	21	.....	26	27,000	.....	5,004	.....	5,004	75	.....	75
15	Brick	15	.....	15	.....	26	4,800	.....	4,275	.....	4,275	.....	.....	.....
16	Brick	31	.....	31	.....	24	10,000	.....	7,000	.....	7,000	100	.....	100
17	Brick	13	.....	13	.....	24	4,680	.....	3,000	.....	3,000	37	.....	37
		210	.....	210	.....	.....	135,047	14,000	68,968	.....	68,968	624	200	824
18	Bottling	3	.....	3	12	4	.....	.....	.....	.....	.....	.....	40	40
19	Bottling beer	10	.....	10	15	52	65,000	23,000	6,340	900	7,240	500	225	725
		13	.....	13	21	.....	65,000	23,000	6,340	900	7,240	500	265	765

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20..	Broom	7	.....	7	.....	26	2,872	950	1,575	.....	1,575	20	40	60
21..	Buggy and cushion	7	.....	7	.....	52	7,000	3,000	2,000	.....	2,000	25	25	50
22..	Candy	18	3	21	10	52	43,200	26,000	10,500	.....	10,500	310	150	460
23..	Canning	15	25	40	70	16	30,000	20,000	2,400	.....	2,400	50	100	150
24..	Car repairing	200	.....	200	150	52	.....	.....	108,000	.....	108,000	.....	.....	.....
25..	Carriage	10	.....	10	.....	52	13,500	3,750	3,640	.....	3,640	11	40	51
26..	Carriage	5	.....	5	.....	52	6,000	1,200	2,500	.....	2,500	.....	.....	.....
27..	Carriage	8	.....	8	.....	52	15,000	7,500	2,800	.....	2,800	7	72	79
28..	Carriage	14	.....	14	.....	52	13,150	7,830	8,000	.....	8,000	50	100	150
29..	Carriage	12	.....	12	.....	52	12,500	2,200	7,800	.....	7,800	27	70	97
30..	Carriage	14	.....	14	5	52	40,000	5,000	6,000	.....	6,000	.....	.....	.....
31..	Carriage	18	.....	18	15	52	9,300	3,530	5,200	.....	5,200	85	150	235
		81	.....	81	20	.....	109,450	31,010	35,940	.....	35,940	180	432	612
32..	Cigar	6	.....	6	.....	52	10,000	5,000	4,000	.....	4,000	800	40	840
33..	Cigar	6	1	7	.....	52	9,500	2,500	3,900	900	4,800	675	11	686
34..	Cigar	9	.....	9	.....	52	15,792	7,900	4,680	.....	4,680	1,008	.....	1,008
35..	Cigar	2	4	6	2	52	3,460	936	1,170	.....	1,170	15	20	35
36..	Cigar	10	.....	10	.....	52	10,000	5,000	3,000	750	3,750	1,500	50	1,550
		33	5	38	2	.....	48,752	21,336	16,750	1,650	18,400	3 998	121	4,119
37..	Coffee and spice	4	2	6	10	52	60,000	50,000	2,600	.....	2,600	300	150	450
38..	Coffee	17	10	27	20	52	306,500	270,200	2,500	15,000	17,500	.....	.....	.....
39..	Coffee and spice	17	10	27	90	52	738,296	623,707	7,717	3,360	11,078	.....	520	520
		38	22	60	120	.....	1,104,796	943,907	12,817	18,360	31,178	300	670	970
40..	Confectionery	15	3	18	.....	52	26,000	15,000	2,589	6,540	9,129	185	300	485
41..	Cooperage	55	.....	55	44	38	91,200	60,200	15,333	.....	15,333	150	450	600
42..	Cooperage	2	.....	2	.....	52	770	280	.....	.....	.....	38	15	53
43..	Cooperage	14	.....	14	.....	52	26,000	17,000	8,400	.....	8,400	125	105	230
		71	.....	71	44	.....	117,970	77,480	23,733	.....	23,733	313	570	883

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BUCHANAN COUNTY—Continued.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
44..	Flour	43	.....	43	250	48	$677,423	$638,423	$28,746	.....	$28,746	$1,700	$4,700	$6,400
45..	Flour	9	.....	9	60	52	80,712	66,347	7,321	.....	7,321	360	782	1,142
46..	Flour	5	.....	5	50	52	86,032	56,000	2,000	.....	2,000	800	500	1,300
47..	Flour	5	.....	5	44	52	53,750	46,875	2,000	.....	2,000	125	400	525
48..	Flour	20	.....	20	150	52	256,250	202,500	8,000	$4,600	12,600	700	1,500	2,200
		82	.....	82	554	.....	1,154,168	1,010,146	48,067	4,600	52,667	3,685	7,882	11,567
49..	Gas	30	.....	30	30	52	143,500	22,500	14,289	8,000	22,289	3,600	600	4,200
50..	Glass, window	3	.....	3	.....	52	4,680	1,560	728	.....	728	11	.....	11
51..	Harness and collar	122	.....	122	20	52	300,000	208,000	66,500	.....	66,500	1,500	2,000	3,500
52..	Iron and cornices	10	.....	10	.....	52	20,000	10,000	7,800	.....	7,800	50	40	90
53..	Iron and cornices	20	.....	20	.....	52	40,000	18,800	10,934	2,400	13,334	175	150	325
54..	Railroad iron	30	.....	30	25	52	70,000	15,000	15,000	.....	15,000	300	200	500
55..	Iron	23	.....	23	25	52	34,530	13,479	14,300	.....	14,300	280	.....	280
		83	.....	83	50	.....	164,530	57,279	48,034	2,400	50,434	805	390	1,195
56..	Machinery	24	.....	24	12	52	25,000	5,000	15,000	.....	15,000	.....	100	100
57..	Marble	5	.....	5	30	52	8,000	3,600	4,400	.....	4,400	200	400	600
58..	Marble	5	.....	5	.....	52	10,000	4,500	3,200	.....	3,200	30	40	70
59..	Marble and granite	2	.....	2	.....	52	3,975	1,275	1,050	.....	1,050	25	.....	25
		12	.....	12	30	.....	21,975	9,375	8,650	.....	8,650	255	440	695
60..	Mattress	2	.....	2	.....	52	8,000	3,500	1,500	.....	1,500	.....	20	20
61..	Medicine	2	.....	2	.....	52	3,030	1,818	1,000	.....	1,000	20	10	30

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62	Men's furnishing goods	26	375	401	35	48	300,000	200,000	90,000	.....	90,000	.....	.....	.....
63	Men's furnishing goods	35	220	255	60	52	260,000	180,000	60,000	.....	60,000	960	2,200	3,160
		61	595	656	95	.....	560,000	380.000	150,000	.....	150,000	960	2,200	3,160
64	Oat meal and corn meal	20	10	30	150	52	.....	.....	15,000	20,000	35,000	.....	.....	.....
65	Overall	50	350	400	40	50	475,000	276,789	91,000	.....	91,000	.....	.....	.....
66	Overall	7	90	97	10	28	112,000	84,000	.....	.....	.....	.....	85	85
		57	440	497	50	.....	587,000	360,789	91,000	.....	91,000	.....	85	85
67	Planing mill	60	.....	60	35	50	.....	.....	40,000	10,000	50,000	210	698	908
68	Picket fence	3	.....	3	.....	16	4,800	2,880	525	.....	525	.....	5	5
69	Plow	22	.....	22	30	50	61,925	40,000	10,000	.....	10,000	500	500	1,000
70	Pork packing	50	14	64	180	52	299,500	250,000	21,230	.....	21,230	500	1,280	1,780
71	Pork packing	100	5	105	75	52	815,000	749,072	48,714	.....	48,714	1,942	3,058	5,001
		150	19	169	255	.....	1,114,500	999,072	69,944	.....	69,944	2,442	4,338	6,781
72	Pump	50	.....	50	60	52	.....	.....	.....	.....	.....	.....	1,300	1,300
73	Saw-mills, portable	4	.....	4	12	26	6,500	2,600	780	.....	780	10	.....	10
74	Show cases	20	.....	20	15	52	26,800	10.700	6,000	1,200	7,200	60	100	160
75	Shutters, fire-escapes, etc.	6	.....	6	15	52	37,500	13,150	2,800	.....	2,800	100	50	150
76	Slaughter-house	10	.....	10	25	52	30,500	18,687	5,200	.....	5,200	....	115	115
77	Stirrups	2	.....	2	6	52	1,200	150	600	.....	600	10	8	18
78	Stone	30	....	30	40	52	64,972	29,750	20,980	4,600	25,580	538	410	948
79	Syrup refinery	15	.....	15	80	52	180,000	155,000	18,000	.....	18,000	200	175	375
80	Tin-ware	50	3	53	60	52	100,000	50.000	25,000	.....	25,000	....	60	60
81	Trunk	8	...	8	.....	52	21,000	6 200	3,697	780	4,477	284	200	484
82	Woolen mill	81	37	118	175	41	263,259	163,728	39,000	7,789	46,789	1,285	2,359	3,644
	Totals	1,862	1,186	3,048	2,648	.....	7,000,125	4,915,115	1,094,787	86,819	1,181,607	40,629	29.438	70,067

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BUTLER.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem	Total No. of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance.
1..	Lumber-mill	20	.....	20	25	40	$20,000	$10,000	$6,000	.....	$6,000	$40	.....	$40
2..	Lumber-mill	18	.....	18	25	40	24,000	10,000	6,480	.....	6,480	25	.....	25
3..	Lumber-mill	20	.....	20	25	40	20,000	10,000	6,000	.....	6,000	40	.....	40
4..	Lumber-mill	130	.....	130	150	.....	.....	.....	.....	.....	.....	.....	.....	.....
5..	Lumber-mill	30	.....	30	38	52	30,000	12 500	14,040	.....	14,040	101	....	101
6..	Lumber-mill	110	.....	110	80	52	72,000	6,000	42,822	$3,000	45,822	1,000	2,000	3,000
7..	Lumber-mill	30	.....	30	40	40	36,000	18,000	10,800	1,000	11,800	100	.....	100
8..	Lumber-mill	46	.....	46	55	40	60,000	25,000	16,560	.....	16,560	200	.....	200
9..	Lumber-mill	26	.....	26	40	40	36,000	15,000	9,360	.....	9,360	40	.....	40
10..	Lumber-mill	30	.....	30	35	40	48,000	20,000	10,800	.....	10,800	200	....	200
		460	.....	460	513	.....	346,000	126,500	122,862	4,000	126,862	1,746	2,000	3,746
11..	Staves and cooperage	180	.....	180	350	52	275,000	100,000	60,000	5,000	65,000	2,200	2,400	4,600
12..	Wooden ware	46	14	60	50	52	25,000	3,000	16,224	1,500	17,724	200	.....	200
	Totals	686	14	700	913	.....	646,000	229,500	199,086	10,500	209,586	4,146	4,400	8,546

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CALDWELL.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Broom	2	.....	2	.....	38	$2,700	$1,450	$350	.....	$350	$10	.....	$10
2	Flour	4	.....	4	50	52	52,000	42,360	2,000	.....	2,000	200	500	700
3	Flour	5	.....	5	75	52	115,000	95,000	3,240	.....	3,240	250	400	650
		9	.....	9	125	.....	167,000	137,360	5,240	.....	5,240	450	900	1,350
4	Furniture	8	.....	8	18	52	12,000	5,500	3,000	.....	3,000	100	75	175
5	Wagon and buggy	4	.....	4	.....	52	4,800	1,590	2,400	.....	2,400	50	.....	50
	Totals	23	.....	23	143	.....	186,500	145,900	10,990	.....	10,990	610	975	1,585

CALLAWAY.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Fire-brick	50	.....	50	40	.....	$35,000	.....	$22,000	$1,480	$23,480	$100	$110	$210
2	Flour	1	.....	1	25	40	11,200	$10,000	450	.....	450	50	125	175
3	Flour	6	.....	6	85	34	57,250	46,250	2,700	.....	2,700	400	600	1,000
4	Flour	2	.....	2	40	40	22,000	18,000	375	.....	375	75	175	250
		9	.....	9	150	.....	80,450	74,250	3,525	.....	3,525	525	900	1,425
5	Lime	18	.....	18	12	31	17,275	.....	4,656	900	5,556	55	60	115
6	Lime	20	.....	20	12	.....	23,500	8,000	6,952	900	7,852	75	175	250
		38	.....	38	24	.....	40,775	8,000	11,608	1,800	13,408	130	235	365
	Totals	97	.....	97	214	.....	156,225	82,250	37,133	3,280	40,413	755	1,245	2,000

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CAPE GIRARDEAU.

No. of establishment	Kind of establishment.	No. of employes. Male.	No. of employes. Fem	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Blacksmith	1	.....	1	.....	52	$200	$75	.....	.....	.....	$16	$13	$29
2	Brewery	2	.....	2	6	52	6,400	2,300	$800	.....	$800	50	42	92
3	Brick	10	.....	10	.....	24	2,250	590	800	.....	800	.....	.....	.....
4	Brick	5	.....	5	.....	24	1,350	250	700	.....	700	7	.....	7
5	Brick	10	.....	10	.....	26	2,500	2,000	1,100	.....	1,100	10	.....	10
		25	.....	25	.....	.....	6,100	2,840	2,600	.....	2,600	17	.....	17
6	Cooperage	10	.....	10	.....	52	14,700	8,820	2,600	.....	2,600	4	.....	4
7	Cooperage	7	.....	7	.....	52	6,221	3 675	2,625	$480	3,105	24	36	60
8	Cooperage	4	.....	4	..	48	2,905	1,292	1,250	.....	1,250	18	....	18
9	Cooperage	12	.....	12	25	17	5,300	2,500	1,025	.....	1,025	125	135	260
		33	.....	33	25	.....	29,126	16,287	7,500	480	7,980	171	171	342
10	Flour	20	.....	20	75	42	250,200	165,000	5,000	5,500	10,500	550	1,650	2,200
11	Flour	3	.....	3	40	26	28 000	24,500	600	.....	600	21	.....	21
12	Flour	6	.....	6	50	48	33,000	36,000	5,577	1,217	6,795	75	.....	75
13	Flour	8	.....	8	150	48	152,844	117,000	3,000	.....	3,000	120	300	420
14	Flour	8	.....	8	.....	32	144,575	126,000	5,539	.....	5,539	133	350	483
15	Flour	3	.....	3	80	52	154,000	130,400	1,630	.....	1,630	80	125	205
16	Flour	7	.....	7	75	52	90,000	80,000	4,000	.....	4,000	140	325	465
		55	.....	55	470	.....	852,619	678,900	25,346	6,717	32,064	1,119	2,750	3,869
17	Lime	10	.....	10	1	48	10,500	7,500	3,850	.....	3,850	50	.....	50
18	Earth paint	12	.....	12	75	48	19,050	6,010	3,538	600	4,138	104	65	169
19	Soda and cider	5	.....	5	10	52	3,525	1,275	275	.....	275	115	.....	115

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20..	Saddlery and harness	1	.....	1	.....	.....	900	500	300	.....	300	25	.....	25
21..	Saddlery and harness	3	.....	3	.....	52	1,100	700	960	.....	960	20	9	29
		4	.....	4	.....	.....	2,000	1,200	1,260	.....	1,260	45	9	54
22..	Stone	8	.....	8	.....	40	4,000	2,000	2,500	.....	2,500	20	.....	20
23.	Wagons	2	.....	2	.....	52	1,565	760	600	.....	600	8	.....	8
24..	Wagons and carriages	.....	.....	.....	.....	.....	496	300	.....	.....	.....	.....	.....	.....
		2	.....	2	.....	.....	2,061	1,060	600	.....	600	8	.....	8
	Totals	157	.....	157	587	.....	935,581	719,447	48,269	7,797	56,067	1,716	3,050	4,767

CARTER.

1..	Lumber-mill	10	.....	10	20	26	10,000	5,000	2,106	.....	2,106	15	.....	15
2.	Lumber-mill	40	.....	40	50	40	50,000	25,000	12,960	.....	12,960	60	.....	60
3.	Lumber-mill	35	.....	35	35	40	35,000	17,500	11,340	.....	11,340	30	.....	30
4..	Lumber-mill	50	.....	50	50	40	60,000	30,000	16,200	.....	16,200	60	.....	60
5..	Lumber-mill	50	.....	50	35	35	30,000	12,000	12,125	.....	12,125	100	...	100
6..	Lumber-mill	500	.....	500	500	40	400,000	160,000	162,000	10,000	172,000	5,000	6,000	11,000
	Totals	685	.....	685	690	.....	585,000	249,500	216,731	10,000	226,731	5,265	6,000	11,265

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CARROLL.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Axe handles	4	.....	4	.....	52	$4,800	$1,000	$1,800	.....	$1,800	$10	.....	$10
2	Brick and tile	10	.....	10	30	28	11,700	.....	2,520	.....	2,520	25	.....	25
3	Brick	5	.....	5	.....	16	3,500	.....	720	.....	720	10	.....	10
		15	.....	15	30	.....	15,200	.....	3,240	.....	3,240	35	.....	35
4	Bottling works	4	.....	4	....	52	2,880	500	900	.....	900	15	15	30
5	Boxes	115	.....	115	75	52	107,500	20,000	51,750	.....	51,750	25	.....	25
6	Canned goods	35	75	110	60	20	42,000	15,000	9,300	$1,000	10,300	50	100	150
7	Carriages	4	.....	4	.....	52	5,500	2,000	2,400	.....	2,400	20	.....	20
8	Cigars	.....	.....	.....	.....	52	1,750	750	.....	.....	.....	56	10	66
9	Cigars	.....	.....	.....	.....	52	1,750	750	.....	.....	.....	56	10	66
10	Cigars	.....	.....	.....	.....	52	1,750	750	.....	.....	.....	56	10	66
		.....	.....	.....	.....	.....	5,250	2,250	.....	.....	.....	168	30	198
11	Creamery	2	.....	2	10	52	6,165	3,500	750	.....	750	50	50	100
12	Electric light and water	5	.....	5	210	52	12,740	.....	2,250	600	2,850	100	.....	100
13	Farm supplies	30	.....	30	50	48	32,000	9,140	12,960	.....	12,960	100	300	400
14	Flour	2	.....	2	40	40	30,552	25,420	900	.....	900	40	150	190
15	Flour	6	.....	6	60	52	93,156	77,470	2,700	.....	2,700	200	500	700
16	Flour	1	.....	1	55	52	30,476	23,895	450	.....	450	200	600	800
17	Flour	1	.....	1	45	34	25,754	20,973	600	.....	600	90	225	315

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18..	Flour	9	.....	9	100	52	107,745	90,843	4 050	.....	4,050	75	600	675
19..	Flour	2	.....	2	4	30	17,992	14,335	480	.....	4·0	35	75	110
		21	....	21	304	.....	305,675	252,436	9,180	.....	9,180	640	2,150	2,790
20..	Machinery	6	.....	6	10	36	15,000	11,000	2,592	.....	2,592	50	45	95
21..	Machinery	6	.....	6	8	52	21,000	12,000	2,700	.....	2,700	100	.....	100
		12	.. ..	12	18	.....	36,000	23,000	5,292	.....	5,292	150	45	195
22..	Lumber	100	.....	100	75	52	60,000	5,000	45,000	.....	45,000	.....	.....	.....
23..	Lumber	50	.....	50	75	52	30,000	2,500	22,500	.....	22,500	25	.....	25
24..	Lumber	50	....	50	75	52	30,000	2,500	2,250	.....	2,250	25	.....	25
25..	Lumber	25	.....	25	75	52	18,000	1,500	11,250	.....	11,250	.....	.....	.....
		225	.....	225	300	.....	138,000	11,500	81,000	.....	81,000	50	.....	50
26..	Tile.	4	.....	4	25	28	8,512	....	740	.....	740	40	.....	40
27..	Tobacco	13	8	21	.....	16	16,000	10,000	2,208	.....	2,208	50	500	550
28..	Tobacco	12	6	18	.....	16	13,000	8,000	1,785	.....	1,785	50	450	500
		25	14	39	.....	.....	29,000	18,000	3,993	.....	3,993	100	950	1,050
29..	Wood work	14	.....	14	20	52	20,000	5,000	8,400	.....	8,400	75	.....	75
	Totals	515	89	604	1,102	.....	771,222	363,326	193,955	1,600	195,555	1,628	3,640	5,268

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CASS.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brick	25	.....	25	40	32	$13,000	.....	$7,000	$1,000	$8,000	$40	.....	$40
2	Canned goods	50	50	100	40	14	114,000	$90,000	5,985	2,000	7,985	60	$150	210
3	Carriages	10	.....	10	18	52	10,000	3,500	3,900	.....	3,900	50	20	70
4	Flour	3	....	3	60	40	42,420	32,300	1,404	1,000	2,404	100	300	400
5	Flour	3	.....	3	40	26	21,017	17,096	585	.....	585	75	150	225
6	Flour	3	.....	3	40	26	21,017	17,096	585	.....	585	75	150	225
7	Flour	3	.....	3	40	26	21,017	17,096	585	.....	585	75	150	225
8	Flour	3	.....	3	40	26	21,017	17,096	585	.....	585	75	150	225
		15	.....	15	220	.....	126,488	100,684	3,744	1,000	4,744	400	900	1,300
9	Quarry	8	.....	8	.....	32	5,000	.....	2,304	.....	2,304	.....	.....	.....
10	Woolen	22	6	28	60	50	60,000	30,000	10,590	4,000	14,590	300	150	450
	Totals	130	50	180	378		328,488	224,184	33,523	8,000	41,523	850	1,220	2,070

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CHARITON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactured	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Brick and tile	18	.....	18	35	36	$12,200	.....	$5,248	.....	$5,248	$30	$65	$95
2..	Canned goods	39	35	74	45	12	22,724	$16,214	2,562	.....	2,562	.....	200	200
3..	Cheese and butter	2	.....	2	8	52	12,600	10,800	840	.....	840	20	120	140
4..	Cigar	1	.....	1	.....	50	1,500	500	150	.....	150	160	15	175
5..	Cigar	1	.....	1	.....	50	2,250	700	525	.....	525	250	20	270
6..	Cigar	1	.....	1	.....	52	2,550	900	312	.....	312	275	20	295
7..	Cigar	6	1	7	.....	42	9,000	4,500	2,820	.....	2,820	730	15	745
		9	1	10	.....	.....	15,300	6,600	3,807	.....	3,807	1,415	70	1,485
8..	Flour	4	.....	4	50	48	79,592	69,120	1,800	.....	1,800	40	200	240
9..	Flour	4	.....	4	50	34	31,000	26,800	1,150	.....	1,150	100	400	500
10..	Flour	3	.....	3	40	40	33,320	29,500	900	.....	900	.....	.....	.....
11..	Flour	5	.....	5	80	40	38,500	.....	.....	$1,200	1,200	200	1,000	1,200
		16	.....	16	220	.....	182,412	125,420	3.850	1,200	5,050	340	1,600	1,940
12..	Tobacco	18	6	24	25	10	.....	.....	1,350	.....	1,350	.....	.....	.....
13..	Tobacco	40	.....	40	25	16	27,000	13,500	3,840	1,200	5,040	50	500	550
14..	Tobacco	31	4	35	6	29	21,960	5,000	3,700	2,100	5,800	6,000	120	6,120
		89	10	99	56	.....	48,960	18,500	8,890	3,300	12,190	6,050	620	6,670
15..	Wood work*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	173	46	219	364	.....	294,196	177,534	25,197	4,500	29,697	7,855	2,675	10,530

*Just commenced.

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CLAY.

No. of establishment	Kind of establishment.	No of employes. Males	No of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Barrel	1	.....	1	.....	28	$1,899	$500	$336	.....	$336	$10	.....	$10
2..	Brick	20	....	20	.....	16	10,800	.....	2,880	.....	2,880	50	.....	50
3..	Car	50	.....	50	650	.....	270,000	225,000	15,000	10,000	25,000	1,300	2,500	3,800
4..	Distillery	4	.....	4	40	8	18,300	3,660	450	600	1,050	11,050	150	11,200
5..	Distillery	1	.....	1	10	8	1,800	360	100	.....	100	1,100	.....	1,100
6..	Distillery	4	....	4	20	12	14,592	2,819	600	600	1,200	6,625	50	6,675
		9	.....	9	70	.....	34,692	6,839	1,150	1,200	2,350	18,775	200	18,975
7..	Flour	5	.....	5	85	45	79,753	67,107	1,875	2,000	3,875	200	600	800
8..	Flour	3	.....	3	70	40	37,802	31,570	1,125	.....	1,125	75	150	225
9..	Flour	2	.....	2	40	40	14,620	12,190	750	.....	750	40	75	115
10 .	Flour	2	.....	2	60	45	42,220	35,203	750	.....	750	200	320	520
		12	.....	12	255	.....	174,395	146,070	4,500	2,000	6,500	515	1,145	1,660
11..	Handle	80	.....	80	50	52	117,900	16,800	54,000	3,500	57,500	100	200	300
	Totals	172	.....	172	1,025	.....	609,686	395,209	77,866	16,700	94,566	20,750	4,045	24,795

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CLARK.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Canned goods	30	15	45	20	10	$35,709	$10,900	$1,890	$1,800	$3,690	$150	$200	$350
2..	Cigars	1	.....	1	.....	52	2,700	1,080	600	.....	600	96	10	106
3..	Flour	3	.....	3	45	40	40,878	33,120	1,350	.....	1,350	150	....	150
4..	Pickles	15	10	25	20	52	50,000	15,000	4,914	1,200	6,114	75	100	175
	Totals	49	25	74	85	.....	129,287	60,100	8,754	3,000	11,754	471	310	781

CLINTON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Flour and feed	1	.....	1	45	52	$30,400	$20,305	$514	.....	$514	$65	$160	$225
2..	Flour	6	.....	6	80	52	71,200	6,480	1,500	$3,100	4,600	275	540	815
3..	Flour	4	.....	4	60	28	31,752	24,780	756	.....	756	..	150	150
		11	.....	11	185	.....	133,352	51,565	2,770	3,100	5,870	340	850	1,190
4..	Cheese	2	.....	2	10	20	2,600	1,560	240	.....	240	15	.....	15
5..	Cheese	2	.....	2	8	24	2,880	1,728	325	.....	325	....	....	.....
		4	.....	4	18	.....	5,480	3,288	565	.....	565	15	.....	15
6..	Cigar	3	.....	3	.....	52	4,680	2,520	1,248	.....	1,248	486	.....	486
	Totals	18	.....	18	203	.....	143,512	57,374	4,583	3,100	7,683	841	850	1,691

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COLE.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Brewery	7	.....	7	44	52	$32,500	$18,000	$2,700	.....	$2,700	$560	$50	$610
2..	Box, paper	20	.....	20	10	36	7,500	1,500	3,244	.....	3,244	.....	20	20
3..	Cigar	1	.....	1	.....	52	2,000	750	600	.....	600	155	.....	155
4..	Cigar	1	.....	1	.....	52	2,000	750	450	.....	450	155	.....	155
5..	Cigar	2	.....	2	.....	52	3,000	1,150	900	.....	900	230	5	235
6..	Cigar	2	.....	2	6	52	3,000	1,125	900	.....	900	230	10	240
		6		6	6	.....	10,000	3,775	2,850		2,850	770	15	785
7..	Flouring	40	.....	40	230	50	447,975	365,775	18,000	1,500	19,500	400	1,500	1,900
8..	Marble	.....	.....	.....	.....	52	5,000	3,000	.....	.....	.....	40	.....	40
9..	Shoe	113	54	167	50	51	150,000	75,000	37,350	12,000	49,350	200	500	700
	Totals	186	54	240	340	.....	652,975	467,050	64,144	13,500	77,644	1,970	2,085	4,055

CRAWFORD.

1...	Flour	7	.....	7	60	52	$55,275	$44,875	$2,730	.....	$2,730	$75	.....	$75
2...	Flour	....	.....	....	....	26	6,127	4,937	.....	.....	.....	50	.....	50
3...	Flour	2	.....	2	.....	26	20,417	16,646	780	.....	780	50	.....	50
	* Totals	9	.....	9	60	.....	81,819	66,458	3,510	.....	3,510	175	.....	175

* Crawford county should be credited with the goods manufactured, etc., by the Midland and Sligo furnaces, but they having failed to send a report, the same could not be given.

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COOPER.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amoudt paid during past year for Wages.	Amoudt paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Carriage	9	.....	9	8	52	$5,170	$6,500	$4,212	.....	$4,212	$50	$25	$75
2..	Cigar	....	.....	.....	.....	52	1,200	360	.....	.....	.....	96	....	96
3..	Cigar	2	.....	2	.....	52	4.375	1,500	1,248	.....	1,248	381	15	396
4..	Cigar	1	....	1	.....	52	2,625	900	624	.....	624	231	15	246
5..	Cigar	.....	.....	.....	.....	52	1,200	360	.....	.....	.....	96	....	96
		3	.....	3	.....	.....	9,400	3,120	1,872	.....	1,872	804	30	834
6..	Cooperage	15	.....	15	.....	52	30,000	14,000	11,500	.....	11,500	50	40	90
7..	Electric light	3	.....	3	80	52	5,260	.....	1,166	.....	1,166	100	.....	100
8..	Foundry and machine	4	.....	4	18	52	8,000	3,000	3,120	.....	3,120	40	.....	40
9..	Gas	4	.....	4	40	52	5,000	1,500	1,680	.....	1,680	150	.....	150
10..	Lime	5	.....	5	.....	52	11,250	.....	2,340	.....	2,340	50	.....	50
11..	Marble	4	.....	4	.....	52	9,000	4,500	2,184	$1,500	3,684	....	.....	.....
12..	Machine	4	.....	4	12	52	8,000	3,000	3,120	.....	3,120	75	25	100
13..	Flour and feed	1	.....	1	50	30	29,608	24,052	468	.....	468	160	350	510
14..	Flour and feed	2	.....	2	40	40	38.478	31,320	936	.....	936	125	400	525
15..	Flour and feed	2	.....	2	40	30	23.976	19,540	936	.....	936	50	75	125
16..	Flour and feed	3	.....	3	40	30	29,608	24,052	1,200	.....	1,200	150	300	450
17..	Flour and feed	13	.....	13	60	30	55,917	45,620	4,095	.....	4,095	....	.....	.....
18..	Flour and feed	10	.....	10	120	40	295,650	242,250	5.460	1,000	6,460	970	1,500	2,470
		31	.....	31	350	.....	473,237	386,834	13,095	1,000	14,095	1,455	2,625	4,080

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COOPER—Continued.

No. of establishment...	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries.....	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance.....
19..	Pottery.	10	.....	10	14	48	13,000	2,000	4,608	2,400	7,008	125	25	150
20..	Pottery.	2	.....	2	.....	52	3,000	....	936	... .	936	25	.....	25
		12	.....	12	14	.....	16,000	2,000	5,544	2,400	7,944	150	25	175
21..	Tobacco	24	.....	24	20	52	35,000	10,000	10,889	1,500	12,389	7,250	100	7,350
22..	Wagon..	6	.....	6	.....	52	6,420	2,500	2,340	.....	2,340	40	25	65
	Totals	124	.....	124	542	.....	621,737	436,954	63,062	6,400	69,462	10,214	2,895	13,109

DADE.

1...	Cigar	.....	.....	.....	.....	52	1,050	$360	.....	....	.....	$96	$10	$106
2...	Creamery.....	2	....	2	15	52	17,000	5,500	936	.....	936	50	75	125
3...	Flour	2	.....	2	40	40	44,391	36,165	936	.....	936	150	400	550
4...	Flour	2	.....	2	30	30	25,173	20,418	540	.....	540	50	.....	50
5...	Flour	3	.....	3	40	40	38,478	30 520	1,080	.....	1,080	75	200	275
		7	....	7	110	.....	108,042	27,103	2,556	.....	2,556	275	600	875
6...	Lime and stone.....	44	.....	44	40	52	55,000	.....	24,960	1,200	26,160	400	....	400
7...	Lime-kiln.....	25	.....	25	.....	40	40,000	.....	9,000	... ...	9,000	100	.....	100
		69	.....	69	40	.....	95,000	.....	33,960	1,200	35,160	500	...	500
	Totals	78	.....	78	165	.....	221,092	92,963	37,452	1,200	38,652	921	685	1,606

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DAVIESS.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Flour	3	.....	3	45	52	$56,745	$42,450	$1,050	.....	$1,050	$80	$300	$380
2..	Flour	4	.....	4	70	52	48,900	39,350	1,575	.....	1,575	...	.....	.....
3..	Flour	4	.....	4	50	50	27,000	23,050	2,050	.....	2,050	20	45	65
4..	Flour	4	.....	4	40	52	58,275	44,350	1,872	.....	1,872	125	280	405
		15	.....	15	205	.....	190,920	149,200	6,547	.....	6,547	225	625	850
5..	Wood	6	.....	6	25	44	6,335	2,190	2,200	.....	2,200	30	.....	30
	Totals	21	.....	21	230	.....	197,255	151,390	8,747	.....	8,747	255	625	880

DEKALB.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Butter and cheese	2	.....	2	10	6	$3,937	2,130	$160	.....	$160	$30	.....	$30
2..	Coal oil and gasoline	6	.....	6	.....	6	.....	.....	.....	.....	.....	.....	.....	.....
3..	Flour	4	.....	4	40	44	49,100	40,950	1,800	.....	1,800	100	225	325
4..	Flour	5	.....	5	60	52	62,700	50,625	2,400	.....	2,400	160	300	460
		9	.....	9	100	.....	111,800	91,575	4,200	.....	4,200	260	525	785
5..	Harness	2	.....	2	.....	52	2,140	1,050	400	.....	400	4	10	14
6..	Wagon and carriage	3	.....	2	.....	52	1,900	1,550	1,200	.....	1,200	15	.....	15
	Totals	22	.....	22	110	.....	119,777	96,305	5,960	.....	5,960	309	535	844

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DUNKLIN.

No. of establishment...	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries.....	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance.....
1 .	Lumber-mill.....	75	.....	75	50	40	$75,000	$35,000	$27,000	.....	$27,000	$60	.....	$60
2..	Lumber-mill.....	50	.....	50	40	40	50,000	25,000	12,000	.....	12,000	25	....	25
3..	Lumber-mill..... ..	35	.....	35	50	52	75,000	45,000	16,380	$1,000	17,380	200	$200	400
		160	.....	160	140	.....	200,000	105,000	55,380	1,000	56,380	285	200	485
4..	Stave factory.....	15	.....	15	25	40	8,000	1,500	5 000	.....	5,000	15	.....	15
5..	Stave factory.....	75	.....	75	50	40	75,000	30,000	27,000	2,500	29,500	25	.....	25
		90	.....	90	75	.....	83,000	31,500	32,000	2,500	34,500	40	.....	40
	Totals	250	.....	250	215	.....	283,000	136,500	87,380	3,500	90,880	325	200	525

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FRANKLIN.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Boot and shoe	16	4	20	22	50	$20,000	$6,000	$7,100	$2,500	$9,600	$200	$75	$275
2	Brewery	10	.....	10	125	52	48,000	20,000	6,240	1,200	7,440	6,500	600	7,100
3	Brick	6	.....	6	.....	24	2,400	.....	1,080	.....	1,080	20	.....	20
4	Brick	4	.....	4	.....	24	1,800	.....	720	.....	720	10	.....	10
5	Brick	4	.....	4	.....	24	1,800	.....	720	.....	720	.....	.....	.....
6	Brick	6	.....	6	.....	24	2,400	.....	1,080	.....	1,080	.....	.....	.....
		20	.....	20	.....	.....	8,400	.....	3,600	.....	3,600	30		30
7	Carriage and plow	10	.....	10	.....	52	8,875	3,000	5,460	.....	5,460	40	20	60
8	Cigar	.....	.....	.....	.....	52	875	300	.....	.....	.....	81	5	86
9	Cigar	2	.....	2	.....	52	4,200	1,500	1,248	.....	1,248	375	10	385
		2	.....	2	.....	.....	5,075	1,800	1,248	.....	1,248	456	15	471
10	Cheese	2	.....	2	12	52	7,200	4,800	936	.....	936	25	20	45
11	Creamery	6	.....	6	15	52	14,400	9,600	3,744	.....	3,744	20	.....	20
12	Flour and feed	4	.....	4	75	35	27,669	22,600	1,260	.....	1,260	85	150	235
13	Flour and feed	8	.....	8	65	52	133,695	77,325	3,369	.....	3,369	125	500	625
14	Flour and feed	15	.....	15	75	52	156,825	126,375	7,020	.....	7,020	270	1,100	1,370
15	Flour	15	.....	15	81	52	159,158	121,500	6,318	.....	6,318	300	1,500	1,800
16	Flour and saw mill	6	.....	6	75	52	23,146	61,350	4,680	.....	4,689	250	.....	250
		48	.....	48	371	.....	500,493	409,150	22,647	.....	22,647	1,030	3,250	4,280
17	Gravel mine	15	.....	15	.....	32	25,000	.....	3,888	2,000	5,888	.....	.....	.....

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FRANKLIN—Continued.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance.
18	Grist mill	4	.....	4	20	40	23,000	16,000	2,184	.....	2,184	20	.....	20
19	Machine shop	1	....	1	5	52	5,000	2,000	624	.....	624	35	.....	35
20	Marble works	....	.....	.....	.....	52	2,000	800	.....	.....	.....	10	.....	10
21	Marble works	1	....	1	.....	52	4,000	2,000	624	.....	624	10	.....	10
		1	.....	1	.....	.....	6,000	2,800	624	.....	624	20	.....	20
22	Pipe (cob) factory	60	.....	60	25	51	85,000	10,000	18,360	5,000	23,360	50	150	200
23	Pottery	.....	..	.....	.....	52	1,300	.....	.....	.....	.....	10	.....	10
24	Sand company	8	.....	8	....	26	3,600	.....	1,872	300	2,172	40	.....	40
25	Saw-mill	20	.....	20	60	12	12,500	7,500	2,160	.....	2,160	.....	.....	.....
26	Tannery	.....	.....	.....	.....	52	1,000	400	.....	.....	.....	10	.....	10
27	Water-works	2	.....	2	75	52	5,000	.....	936	300	1,236	300	.....	300
28	Zither factory	16	.....	16	.....	52	31,500	10,000	8,736	3,000	11,736	125	25	150
	Totals	241	4	245	730		811,343	513,050	90,359	14,300	104,659	8,911	4,155	13,066

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GASCONADE.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for wages	Amount paid during past year for salaries	Total paid for wages and salaries	Am't paid for taxes	Am't paid for insurance	Total paid for taxes and insurance
1	Brewery	8	.....	8	30	52	$21,000	$1,200	$5,000	.....	$5,000	$127	$400	$527
2	Flour	7	.....	7	125	50	100,000	90,000	3,601	.....	3,601	225	425	650
3	Machinery	28	9	37	20	13	3,500	800	1,800	.....	1,800	62	15	77
4	Wine	25	....	25	4	52	34,000	9,500	6,000	6,500	12,500	230	37	267
	Totals	68	9	77	179	.....	158,509	101,500	16,401	6,500	22,901	645	877	1,522

GRUNDY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for wages	Amount paid during past year for salaries	Total paid for wages and salaries	Am't paid for taxes	Am't paid for insurance	Total paid for taxes and insurance
1	Brick	10	.....	10	.....	20	$6,500	$1,450	$2,000	.....	$2,000	$14	.....	$14
2	Flour	5	.....	5	45	52	73,500	58,350	2,500	.....	2,500	150	$340	490
3	Flour	6	.....	6	30	50	52,300	41,200	1,200	.....	1,200	100	120	220
		11	.....	11	75	.....	125,800	99,550	3,700	.....	3,700	250	460	710
4	Marble works	2	.....	2	.....	52	1,800	725	850	.....	850	24	30	54
5	Wagon and carriage	9	.....	9	.....	52	13,500	4,965	4,800	.....	4,800	56	80	136
	Totals	32	....	32	75	.....	147,600	106,690	11,350	.....	11,350	344	570	914

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GENTRY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brick and tile	8	.....	8	20	24	$5,600	$200	$1,872	.....	$1,872	13	.....	13
2	Brick and tile	5	.....	5	25	12	4,272	.....	324	.....	324	27	.....	27
		13	.....	13	45	.....	9.872	200	2,196	.....	2,196	40	.....	40
3	Broom	2	.....	2	.....	24	1,350	700	650	.....	650	5	.....	5
4	Flour	5	.....	5	50	52	87,862	67,200	2,400	.....	2,400	60	.....	60
5	Flour	4	.....	4	40	42	52.650	40,507	1,285	.....	1,285	.....	.....	.....
6	Flour	4	.....	4	85	40	20.816	18,562	2,050	.....	2,050	.....	179	179
7	Flour	3	.....	3	60	52	29,650	21,274	1,560	.....	1,560	50	300	350
		16	.....	16	235		190,978	147,573	7,295	.....	7,295	110	479	589
8	Handle	20	.....	20	30	52	18,000	4,800	7,365	.....	7,365	40	175	215
9	Marble	8	.....	8	.....	52	6,450	2,375	2,100	1,300	3,400	35	50	85
10	Wagon	3	.....	3	10	52	2,750	1,000	1,350	.....	1,350	25	105	130
	Totals	62	.....	62	320	.....	229,400	156,648	20,956	1,300	22,256	255	809	1,064

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GREENE.

No. of establishment	Kind of establishment	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Brick	8	.....	8	.....	12	$1,650	.....	$864	.....	$864	5	.....	5
2	Brick	14	.....	14	.....	28	5,500	.....	3,468	.....	3,468	10	.....	10
3	Brick	14	.....	14	.....	28	5,500	.....	3,468	.....	3,468	25	.....	25
4	Brick	14	.....	14	.....	28	5,500	.....	3,468	.....	3,468	10	.....	10
		50	.....	50	.....	.....	18,150	.....	11,268	.....	11,268	50	.....	50
5	Carriage	18	.....	18	.....	52	21,500	$6,000	11,232	.....	11,232	150	$75	225
6	Cider	5	.....	5	15	52	15,000	9,000	2,340	.....	2,340	25	10	35
7	Cigar	5	.....	5	.....	52	5,250	1,500	2,600	.....	2,600	465	10	475
8	Cigar	12	.....	12	.....	52	12,250	4,500	5,304	.....	5,304	1,065	15	1,080
9	Cigar	8	...	8	.....	52	8,750	3,000	4,160	.....	4,160	760	10	770
10	Cigar	.....	.....	.....	.....	52	1,050	360	.....	.....	.....	96	5	101
11	Cigar	.....	.....	.....	.....	52	1,050	360	.....	.....	.....	100	5	105
		17	.....	17	.....	.....	28,350	9,720	12,064	.....	12,064	2,486	45	2,531
12	Cooperage	25	.....	25	25	40	112,000	85,000	12,000	$1,000	13,000	200	400	600
13	Cooperage	5	.....	5	.....	52	11,250	7,500	2,340	.....	2,340	6	.....	6
		30	.....	30	25	.....	123,250	92,500	14,340	1,000	15,340	206	400	606
14	Creamery	2	.....	2	12	52	6,350	4,800	936	.....	936	60	20	80
15	Evaporator	30	25	55	.....	12	8,340	3,000	2,270	.....	2,270	60	10	70
16	Flour	.....	.....	.....	.....	52	16,560	12,825	.....	.....	.....	20	.....	20
17	Flour	3	.....	3	40	40	32,565	26,475	1,080	.....	1,080	60	125	185
18	Flour	8	.....	8	60	52	153,825	125,625	8,120	1,000	4,120	135	400	535
19	Flour	8	.....	8	100	52	79,912	65,062	3,744	.....	3,744	200	800	1,000

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GREENE—Continued.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance.
20	Flour	7	.....	7	60	52	79,912	65,062	4,368	.....	4,368	200	700	900
21	Flour	12	.....	12	100	52	295,650	242,250	5,616	.....	5,616	477	1,500	1,977
22	Flour	8	.....	8	75	.....	116,862	95,280	3,744	.....	3,744	100	720	820
23	Flour	8	.....	8	75	52	192,881	155,906	4,992	900	5,892	350	1,400	1,750
		54	.....	54	510	.....	968,167	788,485	26,664	1,900	28,564	1,542	5,645	7,187
24	Foundry and machine	75	.....	75	170	52	140,000	50,000	52,650	2,500	55,150	400	600	1,000
25	Foundry	6	.....	6	.....	26	5,000	1,500	1,872	.....	1,872	15	20	35
26	Foundry and machine	35	.....	35	25	52	40,000	10,000	21,840	1,500	23,340	125	50	175
		116	.....	116	195	.....	185,000	61,500	76,362	4,000	80,362	540	670	1,210
27	Gas and electric light	10	.....	10	175	52	50,042	.....	6,287	2,500	8,787	1,000	150	1,150
28	Ice	9	.....	9	125	36	24,000	5,000	3,207	1,500	4,707	400	600	1,000
29	Lime and stone	50	.....	50	50	52	75,000	.....	37,500	1,200	38,700	150	6	156
30	Lime-kiln	15	.....	15	.....	40	20,000	.....	5,400	.....	5,400	75	.....	75
31	Lime-kiln	35	.....	35	.....	40	60,000	.....	12,600	1,000	13,600	150	.....	150
32	Lime-kiln	12	.....	12	..	32	27,500	.....	3,456	.....	3,456	200	.....	200
		112	.....	112	50	.....	182,500	.....	58,956	2,200	61,156	575	6	581
33	Machinery	2	.....	2	5	52	5,000	2,500	1,248	.....	2,248	20	15	35
34	Machinery	1	.....	1	6	52	5,000	2,000	702	.....	702	25	15	40
		3	.....	3	11	.....	10,000	4,500	1,950	.....	1,950	45	30	75
35	Marble	2	.....	2	.....	52	4,000	2,000	1,248	.....	1,248	.....	.....	.....
36	Marble	2	.....	2	.....	52	4,000	2,000	1,248	.....	1,248	30	.....	30
		4	.....	4	.....	.....	8,000	4,000	2,496	.....	2,496	30	.....	30

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37..	Planing	18	.....	18	40	52	45,000	30,000	12,630	900	13,530	500	650	1,150
38..	Planing	30	.....	30	50	52	75,000	50,000	15,444	.....	15,444	170	90	260
39..	Planing	15	.....	15	15	48	35,000	20,000	7,878	.....	7,878	100	100	200
40..	Planing	15	.....	15	60	52	24,000	12,000	9,360	.....	9,360	.....	.....	.....
		78	.....	78	165	.....	179,000	112,000	45,312	900	46,212	770	840	1,610
41..	Pottery	10	.....	10	.....	40	6,000	.....	4,200	.....	4,200	40	.....	40
42..	Printing, job	4	.....	4	.....	52	6,000	2,500	1,872	.....	1,872	15	20	35
43..	Printing, job	4	.....	4	.....	52	7,000	2,500	2,496	.....	2,496	15	20	35
44..	Printing, job	2	.....	2	.....	52	4,000	1,800	936	.....	936	10	15	25
45..	Printing, job	2	.....	2	.....	52	3,600	1,200	936	.....	936	10	10	20
46..	Printing, job	5	.....	5	.....	52	8,000	3,000	3,120	.....	3,120	15	20	35
47..	Printing, job	3	.....	3	.....	52	5,000	2,000	1,638	.....	1,638	10	15	25
		20	.....	20	.....	.....	33,600	13,000	10,998	.....	10,998	75	100	175
48..	Saddle and harness	18	.....	18	.....	52	30,000	12,000	9,266	2,500	11,766	150	100	250
49..	Tobacco factory	5	5	10	.....	20	10,000	3,500	1,140	.....	1,140	2,480	25	2,455
50..	Tobacco factory	9	3	12	.....	30	15,000	6,000	2,835	.....	2,835	3,025	40	3,065
51..	Tobacco factory	35	22	57	60	51	90,000	25,000	22,950	5,000	27,950	18,375	320	18,695
		49	30	79	60	.....	115,000	34,500	26,925	5,000	31,925	23,830	385	24,215
52..	Wagon	75	.....	75	200	52	225,000	150,000	37,440	3,000	40,440	600	400	1,000
53..	Water-works	50	.....	50	175	52	32,000	.....	27,300	2,500	29,800	560	10	570
	Totals	760	55	815	1,718	.....	2,269,249	1,310,005	391,813	27,000	418,813	33,194	9,496	42,690

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HARRISON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Canned goods	40	25	45	52	20	$11,270	$2,040	$1,600	$750	$2,350	$38	$300	$338
2	Flour	3	....	3	40	35	43,095	31,860	750	.....	750	80	12	92
3	Furniture	6	.....	6	.....	40	5,000	1,000	600	.....	600	30	40	70
4	Marble works	7	.....	7	.....	52	5,600	2,100	1,920	1,200	3,120	25	40	65
5	Wagon and carriage	6	.....	6	.....	52	5,325	1,975	2,625	.....	2,625	31	61	92
6	Wagon and carriage	15	.....	15	.....	52	12,780	6,813	5,200	.....	5,200	75	200	275
		21	.....	21	.....	.....	18,105	8,788	7,825	.....	7,825	106	261	367
7	Woolen mill	5	.....	5	40	25	9,884	5,720	787	.....	787	70	30	100
	Totals	62	25	87	132	.....	92,954	51,508	13,482	1,950	15,432	349	684	1,033

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HOLT.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem	Total No. of employes	No. of horse-power	No of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Brick, H. and P	12	.....	12	.....	28	$8,500	$3,000	.....	.....	.....	$20	.....	$20
2	Brick, H. and P	7	.....	7	.....	26	10,400	200	$1,820	.....	$1,820	40	.....	40
3	Brick	3	.....	3	.....	16	1,300	80	288	.....	288	8	.....	8
4	Brick	5	.....	5	.....	20	2,500	300	900	.....	900	.....	.....	.....
		27	.....	27	.....		22,700	3,580	3,008	.....	3,008	68	.....	68
5	Broom	5	.....	5	.....	8	1,000	120	360	.....	360	.....	$25	25
6	Butter and cheese	2	.....	2	12	52	4,710	3,300	825	.....	825	50	35	85
7	Canning	40	60	100	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Excelsior	5	.....	5	30	24	3,542	885	1,000	.....	1,000	30	50	80
9	Fence	4	.....	4	.....	24	2,700	1,450	156	.....	156	15	13	28
10	Flour	3	.....	3	46	35	46,950	30,500	840	.....	840	112	140	252
11	Flour	9	.....	9	75	52	82,600	52,650	5,200	$3,200	8,400	100	350	450
		12	.....	12	121	.....	129,550	83,150	6,040	3,200	9,240	212	490	702
	Totals	95	60	155	171	.....	164,202	92,485	11,389	3,200	14,589	375	613	988

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HENRY COUNTY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Brick and tile	20	.....	20	50	40	$21,000	.....	$6,000	$1,000	$7,000	$125	.....	$125
2..	Brick, vitrified	40	.....	40	100	30	30,000	.....	9,720	2,500	12,220	250	$100	350
3..	Brick	15	.....	15	40	24	6,000	.....	1,800	.....	1,800	80	.....	80
		75	.....	75	190		57,000	.....	17,520	3,500	21,020	455	100	555
4..	Carriage	7	.....	7	.....	52	10,000	$4,000	.....	.....	.....	38	.....	38
5..	Cigar	6	.....	6	.....	52	8,750	2,500	3,744	.....	3,744	775	25	800
6..	Cigar	.....	.....	.....	.....	52	2,625	900	.....	.....	.....	230	10	240
7..	Cigar	2	.....	2	.....	52	4,200	1,400	1,248	.....	1,248	365	10	375
8..	Cigar	2	.....	2	.....	52	4,200	1,400	1,248	.....	1,248	365	10	375
		10	.....	10	.....	.....	19,775	6,200	6,240	.....	6,240	1,735	55	1,790
9..	Flour	2	.....	2	50	40	23,752	19,380	936	.....	936	90	200	290
10..	Flour	.....	.....	.....	15	26	6,000	4,500	.....	.....	.....	.....	.....	.....
11..	Flour	5	.....	5	40	52	73,912	60,562	2,340	.....	2,340	60	200	260
12..	Flour	20	.....	20	125	40	246,375	201,875	4,680	.....	4,680	4,000	1,200	5,200
13..	Flour	2	.....	2	40	26	15,682	12,787	468	.....	468	40	.....	40
		29	.....	29	270		365,721	299,104	8,424	.....	8,424	4,190	1,600	5,790
14..	Foundry and machine	16	.....	16	14	52	15,000	3,500	8,736	.....	8,736	150	25	175
15..	Gas and electric light	3	.....	3	200	52	8,800	.....	1,836	600	2,436	500	.....	500
16..	Grist mill and elevator	6	.....	6	20	50	9,000	6,750	2,700	.....	2,700	40	50	90
17..	Grist mill and elevator	6	.....	6	40	26	12,000	9,000	1,404	.....	1,404	75	50	125
		12	.....	12	60		21,000	15,750	4,104	.....	4,104	115	100	215

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18..	Pottery	12	....	12	24	50	10,000	1,000	5,400	.....	5,400	35	.....	35
19..	Pottery	60	.....	60	70	52	45,000	3,000	26,208	2,500	28,708	.....	.....	.....
20..	Pottery	8	.....	8	.....	52	5,400	.....	2,808	.....	2,808	50	.....	50
21..	Pottery	10	.....	10	.....	45	9,000	1,000	4,500	.....	4,500	20	.....	20
22..	Pottery	15	.....	15	.....	50	11,250	1,000	6,750	.....	6,750	40	.....	40
23..	Pottery	4	.....	4	.....	26	2,250	300	936	.....	936	15	.....	15
		109	.....	109	94		82,900	6,300	46,602	2,500	49,102	160	.....	160
24..	Sewer pipe	60	.....	60	80	52	35,000	.....	25,272	900	26,172	500	200	700
	Totals	321	.....	321	908		615,196	334,854	118,734	7,500	126,234	7,843	2,080	9,923

HOWELL.

1...	Flour	4	.....	4	50	40	$62,130	$7,295	$1,800	.....	$1,500	100	200	$300
2...	Flour	3	.....	3	40	40	32,500	27,450	1,350	.....	1,350	80	160	240
	Totals	7	.....	7	90	.....	94,630	34,745	3,150	.....	3,150	180	360	540

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HOWARD.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brick	15	.....	15	.....	20	4,000	.....	$2,250	.....	$2,250	$5	.....	$5
2	Brick	15	.....	15	.....	15	3,000	.....	1,687	.....	1,687	10	.....	10
3	Brick	8	.....	8	25	24	6,000	.....	1,728	.....	1,728	50	.....	50
		38	.....	38	25	.....	13,000	.....	5,665	.....	5,665	65	.....	65
4	Flouring	5	.....	5	80	45	104,550	86,758	1,875	.....	1,875	300	1,000	1,300
5	Flouring	9	.....	9	100	45	163,500	125,859	3,037	4,300	7,337	300	1,200	1,500
		14	....	14	180	.....	268,050	212,617	4,912	4,300	9,212	600	2,200	2,800
	Totals	52	.....	52	205	.....	281,050	212,617	10,577	4,300	14,877	665	2,200	2,865

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IRON.

No. of establishment	Kind of establishment.	No. of employes: Males	No. of employes: Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for: Wages.	Amount paid during past year for: Salaries.	Total paid for wages and salaries	Am't paid for: Taxes	Am't paid for: Insurance.	Total paid for taxes and insurance
1..	Flour	4	.....	4	40	40	$45,420	$35,800	$1,440	.....	$1,440	75	160	235
2..	Lumber-mill	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
3..	"	6	.....	6	25	40	6,000	2,400	1,800	.....	1,800	10	.....	10
4..	"	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
5..	"	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
6..	"	6	.....	6	20	40	5,000	2,000	1,800	.....	1,800	10	.....	10
7..	"	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
8..	"	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
9..	"	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
10..	"	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
11..	"	6	.....	6	25	40	5,000	2,000	1,800	.....	1,800	10	.....	10
12..	"	6	.....	6	25	40	5,000	2,000	1,800	.....	1,800	10	.....	10
13..	"	12	.....	12	25	40	10,000	4,000	3,600	.....	3,600	10	.....	10
14..	"	6	.....	6	20	26	3,000	1,000	1,170	.....	1,170	10	.....	10
		126	.....	126	315	.....	104,000	41,400	37,170	.....	37,170	130	.....	130
15..	Rock-quarry	12	.....	12	.....	52	10,000	.....	7,200	.....	7,200	5	.....	5
16..	Stone-quarry	80	.....	80	200	52	112,500	.....	60,000	3,000	63,000	100	.....	100
	Totals	222	.....	222	555	.....	271,920	78,200	105,810	3,000	108,810	310	160	470

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JACKSON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1.	Agricultural implement	60	.....	60	30	40	$200,000	$115,000	$25,200	$20,000	$45,200	$240	$150	$390
2.	Agricultural implement	60	.....	60	40	52	200,000	125,000	36,000	15,000	51,000	600	500	1,100
		120	.....	120	70	.....	400,000	240,000	61,200	35,000	96,200	840	650	1,490
3.	Ammonia comp	3	.....	3	.....	52	6,499	2,940	1,837	700	2,537	34	...	34
4	Asphalt	175	.....	175	40	30	125,000	50,000	54,945	5,000	59,945	300	.....	300
5.	Baby carriage	5	.....	5	.....	52	15,000	6,000	2,340	.....	2,340	50	75	125
6.	Bag	20	.....	20	20	52	10,000	.....	8,736	.....	8,736	100	200	300
7.	Baking	15	.....	15	.....	52	24,000	8,000	9,360	.....	9,360	125	100	225
8.	Bolt and nut	150	.....	150	500	52	250,000	109,500	67,500	10,000	77,500	1,000	1,000	2,000
9.	Boiler	20	.. ..	20	15	52	25,000	10,000	12,000	.....	12,000	50	50	100
10.	Boiler	5	.....	5	.....	52	5,000	1,000	2,625	.....	2,625	200	50	250
		25	.....	25	15	.....	30,000	11,000	14,625	.....	14,625	250	100	350
11.	Book-binding	4	.....	4	2	52	6,000	500	2,808	.....	2,808	40	25	65
12.	Bottling	9	.....	9	6	52	27,000	20,000	3,375	1,500	4,875	25	100	125
13.	Box	20	.. ...	20	20	52	15,000	5,000	7,800	.....	7,800	35	60	95
14.	Box	20	.....	20	80	52	20,000	5,000	9,360	....	9,360	50	400	450
15	Box	4	.....	4	25	52	10,000	5,000	2,496	.....	2,496	50	75	125
		44	.....	44	125	.....	45,000	15,000	19,956	.....	19,656	135	535	670

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16.	Brass	10	.....	10	10	52		18,000	9,000	4,680	.....	4,680	20	15	35
17.	Brass	20	.....	20	20	52		25,000	7,000	13,500	.....	13,500	100	50	150
		30	.....	30	30	.....		43,000	16,000	18,180	.....	18,180	120	65	185
18.	Brewing	14	.....	14	80	52		120,000	65,000	8,736	3,000	11,736	15,600	1,500	17,100
19.	Brewing	20	.....	20	200	52		144,000	80,000	15,600	5,000	20,600	18,500	500	19,000
20.	Brewing	150	.....	150	800	52		510,000	200,000	80,000	20,000	100,000	65,000	8,000	73,000
21.	Brewing	60	4	64	150	52		400,000	240,000	39,936	5,000	44,936	53 000	3,000	56,000
		244	4	248	1,230	.....	1,	174,000	585,000	144,272	33,000	177,272	152100	13,000	165100
22.	Brick	18	.....	18	35	28		16,500	.....	4,536	.....	4,536	30	20	50
23.	"	30	.....	30	75	30		32,500	.....	10,800	.....	10,800	200	.....	200
24.	"	25	.....	25	75	30		19,500	.....	9,000	.....	9,000	125	.....	125
25.	"	40	.....	40	100	30		40,000	.....	14,400	3,000	17,400	350	.....	350
26.	"	40	.....	40	125	32		50,000	.....	15,360	3,000	18,360	250	.....	250
27.	"	35	.....	35	65	32		26,000	.....	12,864	.....	12,864	198	.....	198
28.	"	35	.....	35	80	30		29,250	.....	12,600	.....	12,600	150	.....	150
29.	"	15	.....	15	40	30		13,000	.....	5,400	.....	5,400	90	.....	90
30.	"	20	.....	20	40	28		16,250	.....	6,720	.....	6,720	100	.....	100
30½	"	25	.....	25	120	26		12,500	.....	6,850	1,850	8,700	375	207	582
31.	"	100	.....	100	150	40		50,000	.....	20,000	2,000	22,000	100	300	400
32.	"	40	.....	40	100	30		32,500	.....	14,400	.....	14,400	250	.....	250
32½	"	50	.....	50	25	30		20,000	.....	8,000	.....	8,000	50	50	100
33	"	30	.....	30	75	30		26,000	.....	10,800	.....	10,800	175	.....	175
		503	.....	503	1,105	.....		384,000	.....	151,730	9,850	161,580	2,443	577	3,020
34.	Broom	10	.....	10	.....	52		13,500	3,000	4,680	1,500	6,180	75	50	125
35.	Cabinet	10	.....	10	.....	24		24,000	16,000	3,600	.....	3,600	.....	.....	.....
36.	Cabinet	8	.....	8	25	45		25,000	16,000	3,249	.....	3,249	80	150	230
37.	Cabinet	12	.....	12	10	45		25,000	10,000	8,100	.....	8,100	150	150	300
		30	.....	30	35	.....		74,000	42,000	14,949	.....	14,949	230	300	530
38.	Can	20	.....	20	15	52		30,000	10,000	9,360	3,000	12,360	100	100	200
39.	Candy	8	15	23	.....	44		50,000	25,000	8,250	5,000	13,250	40	75	115
40.	Candy	3	4	7	.....	52		10,000	3,500	2,272	2,000	4,272	25	25	50
		11	19	30	.....	.....		60,000	28,500	10,522	7,000	17,522	65	100	165

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JACKSON—Continued.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
41.	Canning				40									
42.	Carriage	20		20		52	$28,700	$10,000	$12,000	$1,500	$13,500	$50	$150	$200
43.	Cereal	36	20	56	125	50	640,000	500,000	28,800	7,200	36,000	750	1,500	2,250
44.	Cider	10		10	135	52	40,000	25,000	4,680	2,500	7,180	300	150	450
45.	Cigar	3		3		50	7,000	2,500	2,250		2,250	615	15	630
46.	"					52	1,400	480				126	10	136
47.	"					52	1,400	480				126	10	136
48.	"					52	1,400	480				126	10	136
49.	"					52	1,400	480				126	10	136
50.	"					52	1,400	480				126	10	136
51.	"					52	1,400	480				126	10	136
52.	"					52	1,400	480				126	10	136
53.	"					52	1,400	480				126	10	136
54.	"					52	1,400	480				126	10	136
55.	"	2		2		52	7,000	2,500	1,560		1,560	615	20	635
56.	"					52	1,400	480				126	10	136
57.	"	1		1		52	3,200	960	750		750	246	15	261
58.	"					52	1,400	480				126	10	136
59.	"	1		1		52	2,800	840	750		750	216	10	226
60	"	1		1		52	3,000	900	750		750	231	15	246
61.	"	2		2		52	7,000	2,400	1,560		1,560	620	25	645
62.	"		8	8		52	10,500	4,500	3,744		3,744	925	25	950
63.	"	5		5		40	8,750	3,500	3,000		3,000	775	20	795
64.	"	1		1		52	3,000	900	750		750	231	15	246
65.	"	5		5		48	8,750	3,200	3,000		3,000	775	20	795
66.	"					52	1,400	480				126	10	136
67.	"	1		1		52	2,000	600	600		600	160	10	170
68.	"						2,400	720				250	10	260

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69.	"	3	.....	3	.....	52	8,750	3,000	2,340	.....	2,340	775	25	800
70.	"	3	.....	3	.....	52	7,500	2,250	1,684	.....	1,684	475	15	490
71.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
72.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
73.	"	3	.....	3	....	36	5,250	1,800	1,620	.....	1,620	460	15	475
74.	"	3	.....	3	.....	40	6,000	2,250	1,800	.....	1,800	460	15	475
75	"	3	.....	3	.....	40	7,000	3,000	1,800	.....	1,800	615	15	630
76.	"	2	.....	2	.....	52	4,200	1,400	1,560	.....	1,560	375	15	390
77.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
78.	"	3	.....	3	.....	45	7,000	2,500	2,025	.....	2,025	615	15	630
79.	"	2	.....	2	.....	52	4,500	1,600	1,560	.....	1,560	460	20	480
80.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
81.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
82.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
83	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
84.	"	3	.....	3	.....	45	7,000	2,500	2,025	.....	2,025	615	15	630
85.	"	3	.....	3	.....	48	7,000	3,000	2,160	.....	2,160	610	10	620
86	"	.....	....	....	.....	52	1,400	480	.....	.....	.....	126	10	136
87.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
88.	"	.....	.....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
89.	"	4	.....	4	.....	50	8,400	3,000	3 0 0	.....	3,000	735	20	755
90.	"	.....	....	.....	.....	52	1,400	480	.....	.....	.....	126	10	136
91.	"	2	.....	2	.....	52	4,500	1,500	1,560	.....	1,560	400	25	425
92.	"	2	.....	5	.....	52	4,375	1,500	1,560	.....	1,560	390	15	405
		58	8	66	....	.....	179,075	63,860	43,408	.....	43,408	15,542	650	16,192
93.	Cracker	140	60	200	65	52	800,000	600,000	59,280	40,000	99,280	800	1,500	2,300
94	Cracker and candy	25	25	50	40	50	300,000	200,000	18,750	15,000	33,750	500	1,500	2,000
		165	85	250	105		1,100,000	800,000	78,030	55,000	133,030	1,300	3,000	4,300
95.	Coffee and ground spice	9	3	12	35	52	200,000	165,000	1,890	.....	1,890	10	15	25
96.	Collar (horse)	3	.....	3	.....	52	10,000	5,000	4,368	10,000	14,368	800	700	1,500
97.	Cooper shop	4	.....	4	.....	40	5,000	1,500	1,920	.....	1,920	10	15	25
98	Cornice	14	...	14	.....	52	125,000	90,000	8,736	.....	8,736	500	300	800
99.	"	10	.....	10	.....	45	68,000	40,000	7,425	1,200	8,625	20	45	65
100.	"	20	.....	20	40	52	35,000	15,000	13,500	.....	13,500	75	50	125
101.	"	30	.....	30	.....	46	50,000	25,000	14,400	.....	14,400	30	15	45
		74	.....	74	40		278,000	170,000	44,061	1,200	45,261	625	410	1,035

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JACKSON—Continued.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
102.	Drug sundries	15	.....	15	10	8	$3,000	$1,000	$720	$400	$1,120	.....	.....	.....
103.	Elevator	12	.....	12	17	52	10,000	3,000	4,368	.....	4,368	$40	$25	$55
104.	Fan	1	.....	1	4	52	3,000	1,000	750	.....	750	10	10	20
105.	Farm (implement)	5	.....	5	5	52	30,000	.....	2,340	600	2,940	.....	.....	.....
106.	File-works	3	.....	3	20	45	2,700	.....	1,822	.....	1,822	10	10	20
107.	Fire department sup	40	.....	40	80	52	125,000	65,000	31,200	5,000	36,200	250	150	400
108.	Flouring	20	.....	20	150	52	663,225	597,125	14,040	7,500	21,540	800	3,000	3,800
109.	"	19	.....	19	125	52	886,950	726,750	11,856	12,000	23,856	800	2,300	3,100
110.	"	16	.....	16	100	52	490,000	366,860	8,400	10,000	18,400	617	2,580	3,197
111.	"	5	.....	5	75	36	76,822	61,962	2,340	1,800	4,140	100	700	800
112.	"	3	.....	3	60	12	16,056	13,250	270	.....	270	.....	.....	.....
113.	"	3	.....	3	50	40	34,5[illegible]6	28,090	1,404	.....	1,404	75	500	575
114.	"	3	.....	3	40	26	27,396	22,140	585	.....	585	120	150	270
		69	.....	69	500		2,194,985	1,816,177	38,895	31,300	70,195	2,230	9,230	11,742
115.	Furniture	40	.....	40	45	44	65,000	35,000	16,368	1,200	17,568	500	1,000	1,500
116.	"	12	.....	12	15	52	35,000	20,000	6,552	2,500	9,052	50	100	150
117.	"	12	4	16	10	52	50,000	30,000	6,864	5,000	11,864	125	300	425
		64	4	68	70		150,000	85,000	29,784	8,700	38,484	675	1,400	2,075
118.	Furrier	4	25	29	.....	52	35,000	16,000	10,920	.....	10,920	75	50	125
119.	"	3	17	20	.....	52	25,000	12,000	7,644	.....	7,644	100	50	150
		7	42	49	.....		60,000	28,000	18,564	.....	18,564	175	100	275

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120.	Gas	50	.....	50	30	52	270,800	.....	75,000	24,000	99,000	5,724	1,530	7,254
121.	Gravel and tile	30	.....	30	.....	30	20,000	10,000	8,100	.....	8,100	30	.....	30
122.	Grocers' sundries	6	.....	6	.....	52	5,000	1,500	1,800	1,000	2,800	.....	.....	.....
123.	" "	36	4	40	75	52	300,000	235,000	17,659	15,000	32,659	400	1,100	1,500
124.	" "	3	....	3	3	52	10,000	3,000	3,150	1,500	4,650	25	30	55
		45	4	49	78		315,000	239,500	22,609	17,500	40,109	425	1,130	1,555
125.	Hay press	10	.....	10	10	24	25,000	13,000	2,520	1,500	4,020	...	150	150
126.	Hose (reel)	3	....	3	4½	26	5,000	1,500	702	.....	702	10	.....	10
127.	Ink (printers')	5	.....	5	30	52	30,000	15,000	3,000	3,000	6,000	25	50	75
128.	Iron and wire	25	.....	25	50	52	40,000	15,000	17,550	2,500	20,050	200	150	350
129.	Machine	6	.....	6	13	52	10,000	3,000	4,500	.....	4,500	10	.....	10
130.	Machine	10	.....	10	10	.....	25,000	10,000	8,250	.....	8,250	25	15	40
131.	Machine	10	.....	10	8	40	10,000	3,000	4,320	.....	4,320	15	10	25
132.	Machine	3	.....	3	8	26	5,000	1,500	936	.....	936	60	25	85
133.	Machine	5	.....	5	10	52	5,000	1,500	3,000	.....	3,000	75	.....	75
134.	Machine	10	.....	10	10	52	15,000	5,000	7,800	.....	7,800	25	25	50
135.	Machine	6	.....	6	16	52	20,000	5,000	4,500	.....	4,500	50	50	100
		50	.....	50	75	.....	90,000	29,000	33,306		33,306	260	125	385
136.	Marble	2	.....	2	.....	52	6,000	3,000	1,248	.....	1,248	10	.....	10
137.	Marble	13	.....	13	....	52	35,000	17,000	10,142	3,500	13,642	30	20	50
		15	.....	15	.....	.....	41,000	20,000	11,390	3,500	14,890	40	20	60
138.	Mattress	2	1	3	.....	52	5,000	1,500	1,638	.....	1,638	10	25	35
139.	Mattress and bedding	3	1	4	.....	52	7,000	2,500	1,092	.....	1,092	15	25	40
140.	Mattress	50	.....	50	100	50	100,000	33,000	30,000	5,000	35,000	550	300	850
		55	2	57	100	.....	112,000	37,000	32,730	5,000	37,730	574	350	925
141.	Oil	8	.....	8	50	52	75,000	50,000	4,992	5,000	9,992	188	1,000	1,188

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JACKSON—Continued.

No. of establishment.	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes.	No. of horse-power.	No. of weeks in operation	Value of goods manufactur'd	Value of raw material.	Amount paid during past year for Wages	Amount paid during past year for Salaries.	Total paid for wages and salaries.	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance.
142.	Overalls, shirts and pants	3	50	53	3	40	$50,000	$25,000	$13,440	$3,000	$16,440	$50	$400	$450
143.	Overalls	6	94	100	5	48	100,000	60,000	30,528	.....	30,528	20	500	520
144.	Overalls	12	150	162	35	52	150,000	75,000	53,760	5,000	58,760	500	1,000	1,500
145.	Overalls	4	50	54	4	50	60,000	30,000	17,400	1,500	18,900	300	600	900
		25	344	369	47		360,000	190,000	115,128	9,500	124,628	870	2,500	3,370
146.	Packing	100	.....	100	225	26	350,000	300,000	23,400	4,000	27,400	.....	1,500	1,500
147.	Packing	450	.....	450	900	52	3,663,438	3,030,705	245,700	10,000	255,700	5,443	8,535	13,978
		550	.....	550	1,125	.....	4,013,438	3,330,705	269,100	14,000	283,100	5,443	10,035	15,478
148.	Paints	8	2	10	50	52	150,000	115,000	3,744	15,000	18,744	50	100	150
149.	Paints	5	.....	5	40	52	60,000	50,000	3,900	.....	3,900	25	100	125
150.	Paints	6	.....	6	30	52	50,000	25,000	3,276	5,000	8,276	25	200	225
		19	2	21	120	.....	260,000	190,000	10,920	20,000	30,920	100	400	500
151.	Pitch	5	.....	5	6	52	25,000	12,500	3,900	2,500	6,400	20	150	170
152.	Planing mill	5	.....	5	20	36	10,000	4,000	2,700	.....	2,700	75	125	200
153.	Planing mill	10	.....	10	40	40	20,000	8,000	6,000	.....	6,000	125	200	325
154.	Planing mill	6	.....	6	25	32	15,000	9,000	2,304	.....	2,304	30	75	105
155.	Planing mill	50	.....	50	40	52	125,000	70,000	39,000	5,000	44,000	125	600	725
		71	.....	71	125	.....	170,000	91,000	50,004	5,000	55,004	355	1,000	1,355
156.	Pottery	30	.....	30	25	26	12,000	.....	7,020	.....	7,020	1,000	300	1,300
157.	Printing, binding, etc.	15	9	24	1	52	18,000	13,000	1,500	.....	1,500	50	75	125
158.	"	5	5	10	4	52	12,000	3,000	7,020	.....	7,020	40	60	100
159.	"	55	10	65	50	52	110,000	35,000	46,488	5,000	51,488	1,000	400	1,400

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160.	"	12	.....	12	7½	52	15,000	15,000	7,488	1,200	8,688	100	150	250
161.	" book bindery...	15	2	17	3	52	24,000	10,000	9,360	.....	9,360	50	75	125
162.	" job.....	3	....	3	.....	52	3,000	500	1,350	.....	1,350	5	10	15
163.	" job.....	3	.....	3	.....	52	3,000	500	1,350	.....	1,350	10	10	20
164.	"	30	.....	30	5	52	40,000	12,000	23,400	.....	23,400	60	75	135
165.	" and lithograph..	36	4	40	20	52	70,000	25,000	24,835	5,000	29,835	350	300	650
166.	"	32	8	40	14	52	45,000	10,000	22,464	600	23,064	200	250	450
167.	"	6	.....	6	2	52	10,000	2,500	5,616	.....	5,616	25	20	45
168.	"	9	.....	9	5	52	10,000	3,000	4,914	.....	4,914	50	30	80
169.	"	3	.....	3	1	52	7,200	2,000	2,808	.....	2 808	20	15	35
170.	"	60	1	61	40	52	92,000	38,500	35,000	12,000	47,000	300	600	900
		284	39	323	152	.....	459,200	170,000	193,593	23,800	217,393	2,260	2,070	4,330
171.	Saddlery and harness....	35	.....	35	5	52	15,000	75,000	21,000	15,000	36,000	240	400	640
172.	Saddlery and harness....	75	.....	75	15	52	300,000	150,000	45,000	25,000	70,000	700	800	1,500
		110	....	110	20	.....	315,000	225,000	66,000	40,000	106,000	940	1,200	2,140
173.	Sash, door and blind.....	25	.....	25	40	52	75,000	25,000	20,280	10,000	30,280	200	300	500
174.	" " "	30	.....	30	35	52	60,000	20,000	23,400	.....	23,400	750	1,000	1,750
175.	" " "	30	.....	30	75	52	50,000	25,000	23,400	.....	23,400	500	1,000	1,500
176.	" " "	200	.....	200	200	52	575,000	475,000	12,480	47,000	59,480	800	6,000	6,800
		285	.....	285	350	.....	760,000	545,000	79,560	57,000	136,560	2,250	8,300	10,550
177.	Sewer-pipe and tiling.....	90	.....	90	200	52	150,000	25,000	43,200	16,000	59,200	1,000	1,000	2,000
		4	60	64	3	52	55,000	15,000	26,520	5,500	32,020	.....	.....	.....
178.	Shirt factory	2	5	7	.....	52	6,000	1,500	2,808	.....	2,808	10	10	20
179.	Shirt factory													
		6	65	71	3	.....	61,000	16,500	29,328	5,500	34,828	10	10	20
180.	Stove foundry	20	.....	20	25	45	45,000	17,000	12,150	5,000	17,150	100	75	175
181.	"	45	.....	45	225	52	120,000	80,000	13,500	5,000	18,500	1,000	640	1,640
182.	"	12	.. ...	12	12	52	11,000	2,500	6,552	.....	6,552	50	30	80
183.	"	5	.....	5	20	40	8,000	2,400	2,100	....	2,100	300	100	400
184	"	15	.....	15	20	52	17,500	6,300	9,000	....	9,000	10	.....	10
185.	"	8	.....	8	25	52	10,000	2,000	6,260	.....	6,260	80	20	100
		105	.....	105	327	.....	211,500	110,200	49,562	10,000	59,562	1,540	865	2,405

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JACKSON—Continued.

No. of establishment.	Kind of establishment.	No. of employes		Total number of employes.	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material.	Amount paid during past year for		Total paid for wages and salaries.	Am't paid for		Total paid for taxes and insurance.
		Males	Fem						Wages.	Salaries.		Taxes	Insurance	
186.	Soap factory	11	.....	11	40	52	$165,000	$100,000	$6,864	$15,000	$31,864	$150	$200	$350
187.	Soap factory	15	4	19	60	52	170,000	100,000	1,770	24,000	31,770	800	750	1,550
		26	4	30	100	.....	335,000	200,000	14,634	39,000	53,634	950	950	1,900
188.	Stone (cut)	5	.....	5	20	40	20,000	13,000	2,400	.....	2,400	20	25	45
189.	Stone (cut)	10	.....	10	20	36	25,000	13,500	5,400	.....	5,400	60	50	110
190.	Stone	6	.....	6	50	26	10,000	5,000	1,872	.....	1,872	100	....	100
191.	Stone	75	.....	75	90	40	100,000	40,000	36,000	.....	36,000	1,000	.....	1,000
		96	.....	96	170	.....	155,000	71,500	45,672	.....	45,672	1,180	75	1,255
192.	Tent	14	10	24	2	52	50,000	17,000	11,232	4,000	15,232	150	75	225
193.	Tinware	18	.....	18	.....	52	50,000	30,000	11,232	.....	11,232	.....	.....	.....
194.	Tobacco factory	12	8	20	.....	40	17,500	4,200	7,200	.....	7,200	100	100	200
195.	"	6	.....	6	.....	52	50,000	37,000	3,744	2,500	6,244	100	150	250
196.	"	30	.....	30	24	52	34,760	7,449	13,500	3,300	16,800	9,000	180	9,180
		48	8	56	24	.....	102,260	48,649	24,444	5,800	30,244	9,200	430	9,630
197.	Trunk	3	.....	3	.....	52	8,000	4,000	2,106	.....	2,106	25	25	50
198.	Trunk	20	.....	20	10	52	50,000	25,000	14,040	5,000	19,040	125	150	275
		23	.....	23	10	.....	58,000	29,000	16,146	5,000	21,146	150	175	325
199.	Type	7	2	9	.....	52	15,000	2,000	3,150	.....	3,150	300	120	420
200.	Varnish	5	.....	5	.....	52	12,000	90,000	2,340	12,000	14,340	150	600	750
201.	Vehicle	14	.....	14	40	26	50,000	30,000	3,822	5,000	8,822	150	150	300

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202.	Vinegar factory	9	.....	9	80	52	100,000	55,000	5,400	5,000	10,400	200	300	500
203.	"	3	.....	3	20	45	13,500	6,000	1,215	1,200	2,415	25	20	45
		12	.....	12	100	.....	113,500	61,000	6,615	6,200	12,815	225	320	545
204.	Wagon factory	6	.....	6	.....	52	12,000	5,500	4,500	.....	4,500	10	10	20
205.	"	5	.....	5	.....	52	6,000	1,000	3,120	.....	3,120	100	35	135
206.	"	8	.....	8	.....	52	12,260	2,300	4,992	.....	4,992	100	150	250
		19	.....	19	.....	.....	30,260	8,800	12,612	.....	12,612	210	195	405
207.	Woolen mill	18	11	29	50	40	53,848	30,000	9,348	2,500	11,848	400	600	1,000
208.	Zinc plant	35	.....	35	35	28	33,400	.....	13,000	3,000	16,000	100	100	200
	Totals	4,224	676	4,900	7,837	.....	16,723,665	10,860,331	2,251,136	577,750	2,828,886	217523	70,597	288120

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JASPER.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Boiler	3	.....	3	.....	52	$5,000	$1,500	$2,106	.....	$2,106	$15	$10	$25
2	Brewery	15	.....	15	140	52	53,000	20,000	5,928	$1,200	10,128	6,500	500	7,000
3	Brick	25	.....	25	50	30	18,000	.....	6,750	.....	6,750	200	.....	200
4	Canning	12	40	52	45	40	19,000	7,000	7,488	2,000	9,488	100	50	150
5	Cigar	2	.....	2	.....	40	2,625	750	960	.....	960	235	10	245
6	"	5	.....	5	.....	52	7,000	2,000	3,120	.....	3,120	615	15	630
7	"	.....	.....	.....	.....	52	3,500	1,000	.....	.....	.....	310	10	320
8	"	3	.....	3	.....	52	5,250	1,500	1,836	.....	1,836	465	25	490
9	"	5	.....	5	.....	52	7,000	2,000	3,120	.....	3,120	625	20	645
10	"	5	.....	5	.....	52	7,000	2,000	3,120	.....	3,120	625	25	650
		20	.....	20	.....	.....	32,375	9,250	12,156	.....	12,156	2,875	105	2,980
11	Dairy	3	.....	3	15	52	76,800	68,000	1,404	600	2,004	60	120	180
12	Electric light *	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	Electric light	5	.....	5	150	52	9,959	.....	2,340	.....	2,340	175	.....	175
14	Electric light	6	.....	6	250	52	14,150	.....	3,744	1,200	4,944	350	.....	350
		11	.....	11	400	.....	24,109	.....	6,084	1,200	7,284	525	.....	525
15	Evaporator	4	10	14	.....	12	2,500	800	720	.....	720	10	10	20
16	Evaporator	12	20	32	60	18	14,400	7,000	3,780	.....	3,780	30	75	105
		16	30	46	60		16,900	7,800	4,500	.....	4,500	40	85	125
17	Flouring mill	2	.....	2	40	26	38,433	31,492	936	1,200	2,136	100	200	300
18	"	2	.....	2	40	40	19,710	16,150	780	.....	780	00	100	210

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19..	"	6	.....	6	30	52	87,000	71,000	2,808	.....	2,808	95	300	395
20..	"	2	.....	2	.....	40	88,695	72,675	936	.....	936	200	500	700
21..	"	40	.....	40	275	52	492,750	403,750	18,720	5,000	23,720	1,200	3,000	4,200
22..	"	1	.....	1	40	40	36,000	29,020	468	.....	468	75	200	275
23..	"	12	.....	12	125	52	197,100	161,500	5,616	.....	5,616	300	1,300	1,600
24..	"	3	.....	3	.....	40	39,228	30,550	1,080	.....	1,080	80	250	330
25..	"	2	.....	2	.....	40	32,565	24,225	936	.....	936	45	75	120
26..	"	10	.....	10	80	52	227,737	181,687	4,998	1,000	5,998	500	1,500	2,000
		80	.....	80	630	.....	1,259,218	1,022,049	37,278	7,200	44,478	2,655	7,475	10,130
27..	Foundry and machine shop	40	.....	40	20	52	50,000	25,000	15,600	.....	15,600	150	40	190
28..	" "	5	.....	5	.....	52	12,000	6,000	3,120	.....	3,120	15	.....	15
29..	" "	16	.....	16	18	52	35,000	16,000	11,232	.....	11,232	100	75	175
30..	" "	12	.....	12	20	52	22,000	11,000	7,488	.....	7,488	100	100	200
31..	" "	67	.....	67	100	52	125,000	60,000	46,800	2,500	49,300	400	400	800
32..	" "	3	.....	3	.....	52	5,000	2,500	936	.....	936	35	.....	35
33..	" "	50	.....	50	40	52	100,000	50,000	35,256	.....	35,256	225	60	285
34..	" "	12	.....	12	20	52	25,000	10,000	8,424	.....	8,424	100	25	125
		205	.....	205	218	.....	374,000	180,500	128,856	2,500	131,356	1,125	700	1,825
35..	Gas works	4	.....	4	.....	52	22,000	5,000	2,448	1,200	3,648	500	.....	500
36..	Ice	12	.....	12	100	34	18,000	.....	4,684	2,500	7,184	500	600	1,100
37..	Ice*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38..	Ice	15	.....	15	100	24	23,000	.....	5,040	.....	5,040	200	400	600
		27	.....	27	200	.....	41,000	.....	9,724	2,500	12,224	700	1,000	1,700
39..	Lead	100	.....	100	75	41	760,000	550,000	57,400	3,000	60,400	800	500	1,300
40..	Lime kiln	18	.....	18	.....	24	15,000	7,500	3,240	.....	3,240	25	.....	25
41..	Lime kiln	14	.....	14	.....	40	27,500	.....	9,040	.....	9,040	100	.....	100
42..	Lime kiln	14	.....	14	.....	36	13,500	.....	4,536	1,200	5,736	100	.....	100
		46	.....	46	.....	.....	56,000	.....	16,816	1,200	18,016	225	.....	225
43..	Machine	4	.....	4	6	35	5,000	1,000	2,496	.....	2,496	10	15	25
44..	Marble works	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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JASPER—Continued.

No. of establishment...	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries....	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance.....
45..	Printing, job*.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
46..	Pottery.....	7	.....	7	.....	52	$6,000	$200	$4,368	.....	$4,368	$40	..	$40
47..	Smelter.....	80	.....	80	100	52	220,000	110,000	46,176	$5,000	600	600	$400	1,000
48..	Stone cutters.....	8	.....	8	.....	40	10,000	4,000	3,840	.....	3,840	25	.....	25
49..	Water-works.....	2	.....	2	240	52	12,000	.....	1,248	1,000	2,248	500	.....	500
50..	Water-works.....	2	.....	2	120	52	18,000	.....	1,560	1,800	3,360	....	.....	.....
51..	Water-works.....	1	.....	1	200	52	29,000	....	624	1,200	1,824	600	50	650
		5	.....	5	560	.....	59,000	.....	3,432	4,000	7,432	1,100	50	1,150
52..	Woolen mill.....	17	43	60	35	52	50,000	15,000	21,216	2,500	23,716	250	350	600
53..	Woolen mill.....	49	64	113	75	50	120,000	50,000	33,900	4,000	37,900	300	400	700
		66	107	173	110		170,000	65,000	55,116	6,500	61,616	550	750	1,300
	Totals.....	737	177	914	2,609		3,227,402	2,058,799	417,366	38,100	455,466	18,645	11,760	30,400

*Just commenced.

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JEFFERSON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brick yard	18	.....	18	....	24	$5,500	.....	$3,888	.....	$3,888	$5	.....	$5
2	Electric light	4	.....	4	175	16	3,300	.....	800	$400	1,200	.....	.....	.....
3	Flour mill	5	.....	5	45	50	76,912	$64,560	2,540	.....	2,540	200	$160	360
4	"	2	.....	2	40	26	26,212	19,412	468	.....	468	60	200	260
		7	.....	7	85		103,124	83,972	3,008	.....	3,008	260	360	620
5	Lead	5	.....	5	.....	10	1,600	.....	600	.....	600	25	40	65
6	Planing mill	4	.....	4	12	26	5,000	3,000	936	.....	936	.....		.....
7	"	9	.....	9	35	52	20,000	12,000	4,212	.....	4,212	60	120	180
		13	.....	13	47		25,000	15,000	5,148	.....	5,148	60	120	180
8	Wagon and repair	12	.....	12	.....	52	16,250	6,000	7,956	.....	7,956	100	50	150
	Totals	59	.....	59	307		154,774	104,972	21,400	400	21,800	450	570	1,020

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JOHNSON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Canning factory	11	35	46	15	10	$9,000	$5,000	$2,085	.....	$2,085	$20	$40	$60
2	Cigar factory	8	.....	8	.....	52	14,000	5,000	4,992	$600	5,592	1,225	25	1,250
3	Electric light	4	.....	4	140	52	10,800	.....	2,496	1.800	4,296	200	.....	200
4	Marble	1	.....	1	.....	52	3,000	1,000	624	.....	624	15	.....	15
5	Marble	3	.....	3	.....	52	6,000	2,000	1,872	.....	1,872	10	.....	10
		4	.....	4	.....	.....	9,000	3,000	2,496	.....	2,496	25	.....	25
6	Flour and feed	5	.....	5	150	40	32,568	26,475	2,340	.....	2,340	250	500	750
7	Flour and feed	5	.....	5	100	40	44,400	36.250	2,340	.....	2,340	150	500	650
8	Flour and feed	3	.....	3	40	26	21,017	17,096	1,404	.....	1,404	50	100	150
9	Flour and feed	3	.....	3	40	26	21,017	17,096	1,404	.....	1,404	100	150	250
10	Flour and feed	3	.....	3	60	16	21.017	17,096	1,404	.....	1,404	150	150	300
11	Flour and feed	7	.....	7	110	52	180,750	123,375	3,276	3,000	6,276	600	1,500	2,100
		26	.....	26	500	.....	320,769	237,388	12,168	3,000	15,168	1,300	2,900	4,200
12	Quarry	40	.....	40	150	44	25,000	.....	21,120	.....	21,120	1,000	.....	1,000
13	Quarry	40	.....	40	80	40	44,000	.....	19,200	1,000	20.200	600	.....	600
		80	.....	80	230	.....	69,000	.....	40,320	1.000	41,320	1,600	.....	1,600
	Totals	133	35	168	885	.....	432,569	250,388	64,557	6,400	70,957	4,370	2,965	7,335

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KNOX.

No. of establishment.	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Cigar factory	2	.....	2	.....	52	$3,600	$1,500	$1,050	.....	$1,050	$366	$20	$386
2..	Creamery	4	.....	4	20	32	7,500	5,000	960	.....	960	50	25	75
3..	Flouring	3	.....	3	40	40	43,191	35,265	1,350	$1,000	2,350	150	600	750
4..	Marble	3	.....	3	.....	52	5,000	2,500	1,575	.....	1,575	10	.....	10
5..	Wagon	4	.....	4	.....	52	5,100	1,800	1,800	.....	1,800	25	25	50
6..	Wagon and carriage	3	.....	3	.....	52	5,900	2,200	1,350	.....	1,350	25	15	40
7..	Wagon and carriage	5	.....	5	10	52	7,600	3,000	2,250	.....	2,250	50	40	90
8..	Wagon and carriage	9	.....	9	16	52	12,000	6,000	2,700	.....	2,700	50	50	100
		21	.....	21	26	.....	30,600	13,000	8,100	.....	8,100	150	130	280
	Totals	33	.....	33	86	.....	89,891	57,265	13,035	1,000	14,035	726	775	1,501

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LACLEDE.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactured	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Cigar	4	.....	4	.....	52	$7,000	$3,000	$1,974	.....	$1,974	$615	$15	$630
2	Flour mill	1	.....	1	30	40	26,502	21,630	360	.....	360	65	160	225
3	Flour mill	7	.....	7	70	40	91,695	74,925	2,520	.....	2,520	250	500	750
4	Flour mill	3	.....	3	25	40	20,739	16,765	1,080	.....	1,080	50	120	170
5	Flour mill	2	.....	2	.....	26	14,525	11,654	468	.....	468	40	.....	40
		13	.....	13	125	.....	153,461	124,974	4,428	.....	4,428	405	780	1,185
6	Light and water	2	.....	2	150	52	5,900	.....	1,248	$600	1,848	150	.....	150
7	Saw-mill	4	.....	4	25	52	6,250	3,750	1,872	.....	1,872	15	6	21
	Totals	23	.....	23	300	.....	172,611	131,724	9,522	600	10,122	1,185	801	1,986

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LAFAYETTE.

No. of establishment	Kind of establishment	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Apiary and box	15	.....	15	25	52	$15,000	$6,000	$5,460	$1,000	$6,460	$65	$50	$115
2..	Canning	20	90	110	40	20	40,000	20,000	11,700	1,800	13,500	150	25	175
3..	Canning	8	60	68	30	14	22,000	14,500	4,536	.....	4,536	40	40	80
4..	Canning	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		28	150	178	70	.....	62,500	34,500	16,236	1,800	18,036	190	65	255
5..	Carriage	8	.....	8	.....	52	17,500	8,000	6,240	.....	6,240	30	20	50
6..	Brewery	5	.....	5	14	52	13,000	5,000	1,950	.....	1,950	2,500	150	2,650
7..	Brick	15	.....	15	30	52	24,000	4,000	7,020	2,000	9,020	225	.....	225
8..	Brick	10	.....	10	.....	15	3,250	.....	1,350	.....	1,350	.....	.....	.....
9..	Brick and tile	15	.....	15	40	14	3,750	.....	1,050	500	1,550	30	.....	30
10..	Brick and tile	20	.....	20	40	24	8,500	.....	4,320	.....	4,320	35	.....	35
11..	Brick	18	.....	18	.....	24	6,000	.....	4,536	.....	4,536	25	.....	25
12..	Brick and tile	6	.....	6	25	24	2,500	.....	1,296	.....	1,296	20	.....	20
		84	.....	84	135	.....	48,000	4,000	19,572	2,500	22,072	335	.....	335
13..	Broom	.....	.....	.....	.....	52	1,500	600	.....	.....	.....	.....	.....	.....
14..	Broom	.....	.....	.....	.....	52	1,500	600	.....	.....	.....	.....	.....	.....
		.....	.....	.....	.....	.....	3,000	1,200	.....	.....	.....	.....	.....	.....
15..	Flour mill	3	.....	3	45	40	65,130	52,950	1,404	.....	1,404	150	500	650
16..	"	3	.....	3	40	40	20,730	16,785	1,404	.....	1,404	80	150	230
17..	"	5	.....	5	55	40	62,730	50,700	1,800	.....	1,800	150	400	550
18..	"	10	.....	10	125	52	298,650	244,500	6,240	5,300	11,540	800	800	1,600
19..	"	3	.....	3	40	40	20,731	3,703	1,404	.....	1,404	60	100	160
20..	"	3	.....	3	40	30	23,976	19,540	810	.....	810	60	150	210

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LAFAYETTE—Continued.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amonnt paid during past year for Wages.	Amonnt paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
21..	Flour mill	10	.....	10	125	52	$246,307	$175,568	$5,772	$7,780	$13,552	$500	$1,400	$1,900
22..	"	4	.....	4	50	40	33,165	26,925	1,200	.....	1,200	120	300	420
23..	"	5	.....	5	85	40	34,965	28,305	1,800	.....	1,800	180	300	480
24..	"	3	.....	3	50	30	47,349	38,598	810	.....	810	100	300	400
		49	.....	49	655	.....	853,733	657,574	22,644	13,080	35,724	2,200	4,400	6,600
25..	Furniture	30	.....	30	30	40	25,000	10,000	9,680	.....	9,680	200	300	500
26..	Hemp	15	.....	15	40	32	9,750	4,000	4,064	.....	4,064	50	50	100
27..	Machinery	1	.....	1	7	52	5,000	2,000	750	.....	750	40	.....	40
28..	Marble	2	.....	2	.....	52	6,000	2,500	1,248	600	1,848	.....	.....	.....
29..	Marble	2	.....	2	.....	52	6,000	2,000	1,248	1,200	2,448	60	.....	60
		4	...	4	.....	.....	12,000	4,500	2,496	1,800	4,296	60	.....	60
	Totals	239	150	389	976		1,063,983	736,774	80,092	20,180	100,272	5,670	5,035	10,705

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LAWRENCE.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Blacksmithing, etc	8	.....	8	.....	52	$10,000	$3,000	$4,992	.....	$4,992	$15	$20	$35
2	Brick yard	20	.....	20	.....	24	6,500	.....	3,600	.....	3,600	.....	.....	.....
3	Butter and cheese	1	.....	1	20	32	3,200	2,400	394	$300	694	20	25	45
4	Cannery	60	135	195	50	16	36,000	15,000	14,712	1,500	16,212	75	100	175
5	Cigar factory	1	.....	1	....	40	2,400	1,075	480	.....	480	231	10	241
6	"	.....	.....	.....	.....	52	1,500	600	.....	.....	.....	156	5	161
7	"	2	.....	2	.....	40	3,750	1,875	960	.....	960	385	10	395
8	"	.....	.....	.....	.....	52	6,800	3,600	.....	.....	.....	615	15	630
		3	.....	3	.....	.....	14,450	7,150	1,440	.....	1,440	1,387	40	1,427
9	Flour mill	10	.....	10	85	40	130,260	105,900	3,600	.....	3,600	300	1,500	1,800
10	"	3	.....	3	.....	40	32,562	26,475	1,080	.....	1,080	70	150	220
11	"	1	.....	1	.....	40	13,626	11,040	360	.....	360	20	40	60
12	"	11	.....	11	80	40	77,136	62,812	3,960	.....	3,960	80	160	240
13	"	3	.....	3	.....	52	59,807	50,589	1,404	.....	1,404	75	200	275
14	"	12	.....	12	65	40	119,860	97,900	4,320	.....	4,320	200	1,200	1,400
15	"	8	.....	8	65	52	60,930	49,800	3,744	.....	3,744	80	600	680
16	"	8	.....	8	.....	40	73,956	60,390	2,880	.....	2,880	150	400	550
		56	....	56	295	.....	568,137	464,906	21,348	.....	21,348	975	4,250	5,225
17	Foundry and machine	3	.....	3	15	52	5,000	2,000	1,836	.....	1,836	10	.....	10
18	Lime-kiln	18	.....	18	.....	24	15,000	7,500	3,240	.....	3,240	25	.....	25
19	Lime-kiln	20	.....	20	.....	24	18,000	9,000	3,600	.....	3,600	25	.....	25
		38	.....	38	.....	.....	33,000	16,500	6,840	.....	6,840	50	.....	50

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LAWRENCE—Continued.

No. of establishment	Kind of establishment	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
20..	Planing mill	5	.....	5	20	$36	$6,800	$4,350	$1,620	.....	$1,620	$25	$40	$65
21..	Planing mill	4	.....	4	20	36	5,000	3,000	1,296	.....	1,296	20	40	60
		9	.....	9	40	.....	11,800	7,350	2,916	.....	2,916	45	80	125
22..	Water-works	2	.....	2	85	52	6,680	.....	1,248	600	1,848	400	.....	400
	Totals	200	135	335	505	.....	694,767	518,306	59,326	2,400	61,726	2,977	4,515	7,492

LINCOLN.

No. of establishment	Kind of establishment	Males	Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Wages.	Salaries.	Total paid for wages and salaries	Taxes	Insurance.	Total paid for taxes and insurance
1..	Flour mill	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2..	Flour mill	2	.....	2	50	45	$30,208	$24,502	$750	.....	$750	$150	$300	$450
3..	Flour mill	3	.....	3	40	45	36,260	29,501	1,125	.....	1,125	75	300	375
4..	Flour mill	2	.....	2	40	45	49,564	40,403	750	.....	750	80	500	580
		7	.....	7	130		116,032	94,406	2,625	.....	2,625	305	1,100	1,405
5..	Wagon	6	.....	6	.....	52	6,850	2,500	2,700	.....	2,700	125	75	200
	Totals	13	.....	13	130		122,882	96,906	5,325	.....	5,325	430	1,175	1,605

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LEWIS.

No. of establishment.	Kind of establishment.	No. of employes.		Total number of employes.	No. of horse-power.	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material.	Amount paid during past year for		Total paid for wages and salaries.	Am't paid for		Total paid for taxes and insurance.
		Males	Fem.						Wages.	Salaries.		Taxes	Insurance.	
1..	Cigar factory	1	.....	1	.....	52	$3,750	$1,500	$450	.....	$450	$131	$10	$141
2..	Flour mill	10	.....	10	80	52	126,945	99,450	4,500	$1,500	6,000	175	1,000	1,175
3..	Flour mill	8	.....	8	100	12	26,160	21,802	864	500	1,364	.....	.....	.....
		18	.....	18	180		153,105	121,252	5,364	2,000	7,364	175	1,000	1,175
4..	Grist mill	3	.....	3	20	52	7,000	4,500	1,125	.....	1,125	.....	.....	.....
5..	Planing mill	23	.....	23	100	52	30,000	8,500	12,705	2,500	14,575	400	1,200	1,600
6..	Saw-mill	65	12	77	200	36	153,500	80,108	29,700	5,200	34,900	450	1,160	1,610
	Totals	110	12	122	500		347,355	215,860	48,714	9,700	58,414	1,156	3,370	4,526

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LINN.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amout paid during past year for Wages.	Amout paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Cigar factory	.....	.....	.....	.....	.....	$1,500	$400	.....	.....	.....	$160	$15	$175
2..	Cigar factory	.....	.....	.....	.....	50	3,000	900	.....	.....	.....	315	25	340
		.....	.....	.....	.....	.....	4,500	1,300	.....	.....	.....	475	40	515
3..	Creamery	1	.....	1	10	50	13,200	8,400	$300	.....	$300	15	15	30
4..	Creamery	4	.....	4	8	30	3,000	1,200	1,440	.....	1,440	10	20	30
		5	.....	5	18	.....	16,200	9,600	1,740	.....	1,740	25	35	60
5..	Electric light	2	.....	2	75	52	8,600	.....	1,095	$600	1,695	100	.....	100
6..	Flouring	3	.....	3	35	26	44,050	18,575	390	.....	390	80	.....	80
7..	Flouring	4	.....	4	35	40	31,050	25,425	1,488	72	1,560	70	250	320
8..	Flouring	3	.....	3	60	35	42,176	35,134	1,575	.....	1,575	50	400	450
9..	Flouring	4	.....	4	75	45	48,400	39,271	1,620	.....	1,620	75	350	425
10..	Flouring	4	.....	4	40	35	30,750	26,700	1,080	.....	1,080	40	200	240
11.	Flouring	3	.....	3	50	40	42,100	36,000	900	.....	900	50	400	450
		21	.....	21	295	.....	238,526	181,105	7,053	72	7,125	365	1,600	1,965
12..	Furniture & wooden-ware	.....	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....	.....
13..	Marble	.....	.....	.....	.....	50	2,500	1,000	.....	.....	.....	10	.....	10
14..	Planing	4	.....	4	15	50	4,000	1,000	2,100	.....	2,100	25	100	125
	Totals	32	.....	32	428	.....	274,326	194,005	11,988	672	12,660	1,000	1,775	2,775

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LIVINGSTON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Bottling	2	.....	2	10	52	$1,950	$888	$750	.....	$750	$25	$15	$40
2	Carriage and wagon	5	.....	5	.....	52	1,960	835	1,787	.....	1,787	20	.....	20
3	Carriage and wagon	5	.....	5	.....	52	1,900	775	850	.....	850	30	45	75
		10	.....	10	.....	.....	3,860	1,610	2,637	.....	2,637	50	45	95
4	Cigar factory	6	4	10	.....	52	11,000	4,500	3,600	.....	3,600	900	22	922
5	Church fixtures	10	.....	10	.....	52	14,100	2,600	6,000	.....	6,000	32	.....	32
6	Flour mill	10	.....	10	100	52	97,242	77,615	3,478	.....	3,478	85	200	285
7	Flour mill	4	.....	4	60	52	79,765	63,600	2,090	.....	2,090	100	.....	100
		14	.....	14	160		177,007	141,215	5,568	.....	5,568	185	200	385
8	Handle	14	.....	14	25	52	26,000	5,560	6,500	.....	6,500	25	.....	25
9	Stave and heading	24	.....	24	60	42	22,500	10,980	6,720	.....	6,720	.....	.....	.....
10	Wood-work	2	.....	2	8	36	1,200	400	500	.....	500	.....	.....	.....
11	Wood-work	6	.....	6	20	52	4,000	1,000	1,000	.....	1,000	.....	.....	.....
		8	.....	8	28	.....	5,200	1,400	1,500	.....	1,500	.....	.....	.....
	Totals	88	4	92	283	.....	261,617	168,753	33,275	.....	33,275	1,217	282	1,499

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MACON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Cigar factory	2	.....	2	.....	50	$4,500	$1,500	$900	.....	$900	$475	$25	$500
2	Creamery	2	.....	2	10	30	2,550	1,500	450	.....	450	20	40	60
3	Flour mill	3	.....	3	35	45	29,582	24,780	1,012	.....	1,012	65	.....	65
4	Flour mill	4	.....	4	40	50	39,450	34,270	1,500	.....	1,500	35	75	110
5	Flour mill	5	.....	5	40	50	66,021	54,506	1,875	$2,500	4,375	40	600	640
6	Flour mill	2	.....	2	35	35	32,300	24,800	525	1,500	2,025	40	.....	40
		14	.....	14	150	.....	167,353	138,356	4,912	4,000	8,912	180	675	855
7	Foundry	9	.....	9	10	45	10,000	4,000	3,645	.....	3,645	50	100	150
8	Wagon and carriage	20	.....	20	45	50	31,500	12,000	16,159	1,000	17,159	160	500	660
	Totals	47	.....	47	215	.....	215,903	157,356	26,066	5,000	31,066	885	1,340	2,225

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MADISON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Flour mill	6	.....	6	80	52	$153,825	$125,625	$2,805	.....	$2,808	$250	$400	$650
2	Flour mill	2	.....	2	40	26	21,017	17,096	468	.....	468	50	.....	50
		8	.....	8	120	.....	174,842	142,721	3,276	.....	3,276	300	400	700
3	Lead works	300	.....	300	280	52	273,440	.....	126,000	$15,000	141,000	5,117	200	5,317
4	Lumber mill	6	.....	6	20	40	10,000	5,000	2,160	.....	2,160	30	.....	30
5	Lumber mill	22	.....	22	40	52	25,000	10,000	10,296	.....	10,296	30	.....	30
		28	.....	28	60	.....	35,000	15,000	12,456	.....	12,456	60	.....	60
	Totals	336	.....	336	460	.....	483,282	157,721	141,732	15,000	156,732	5,477	600	6,077

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MARION.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Barrel factory	3	.....	3	.....	40	$3,800	$2,000	$1,080	.....	$1,080	$5	.....	$5
2..	"	7	.....	7	.....	40	8,000	4,500	2,100	.....	2,000	10	.....	10
3..	"	10	.....	10	.....	45	29,700	13,500	5,400	.....	5,400	50	.....	50
4..	"	3	.....	3	.....	45	4,160	2,200	1,215	.....	1,215	6	.....	6
5..	"	5	.....	5	.....	32	2,933	500	1,440	.....	1,440	10	$15	25
		28	.....	28	.....	.....	48,593	22,700	11,235	.....	11,235	81	15	96
6..	Blacksmith and wagon	8	.....	8	12	52	8,000	2,000	5,200	.....	5,200	25	.....	25
7..	Box factory	2	5	7	8	52	6,720	2,000	1,875	.....	1,875	50	80	130
8..	Brewery	6	.....	6	75	52	35,000	18,000	3,600	.....	3,600	5,500	1,000	6,500
9..	Brewery	4	.....	4	50	52	17,500	9,000	1,800	.....	1,800	2,550	150	2,700
		10	.....	10	125	.....	52,500	27,000	5,400	.....	5,400	8,050	1,150	9,200
10..	Brick-yard	20	.....	20	25	24	13,000	.....	4,320	.....	4,320	5	.....	5
11..	Cigar factory	15	15	30	.....	52	48,000	21,600	10,035	$6,000	16,035	3,675	150	3,825
12..	"	2	.....	2	.....	52	4,000	1,500	1,050	.....	1,050	300	10	310
13..	"	2	.....	2	.....	52	3,000	1,500	624	.....	624	310	10	320
14..	"	9	.....	9	.....	52	16,000	7,200	4,410	.....	4,410	1,225	25	1,250
15..	"	3	.....	3	.....	52	4,500	2,250	1,200	.....	1,200	460	10	470
16..	"	20	20	40	.....	50	65,000	30,000	16,650	8,200	24,850	4,500	155	4,655
17..	"	9	.....	9	.....	47	10,400	4,160	3,651	.....	3,651	975	10	985
18..	"	1	.....	1	.....	52	1,620	500	150	.....	150	190	10	200
19..	"	1	.....	1	.....	52	1,500	600	150	.....	150	155	10	165
20..	"	1	.....	1	.....	52	3,500	1,500	525	.....	525	315	.....	315
21..	"	.....	.....	.....	.....	50	1,500	500	.....	.....	.....	460	15	475
		63	35	98	.....	.....	159,020	71,310	38,445	14,200	52,645	12,565	405	12,970

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22..	Electric light and water..	3	.....	3	115	52	3,750	.....	1,638	.....	1,638	700	.....	700
23..	Feed mill	2	.....	2	15	26	5,120	3,000	750	.....	750	25	25	50
24..	Flour mill	20	.....	20	100	40	520,776	410,550	12,480	.....	12,480	290	1,000	1,290
25..	"	16	.....	16	175	40	591,300	484,500	6,000	4,800	10,800	600	1,600	2,200
26..	"	10	.....	10	100	35	245,536	216,690	5,460	.....	5,460	200	800	1,000
27..	" and printing ..	6	.....	6	25	40	52,750	35,000	2,700	.....	2,700	50	120	170
28..	"	2	.....	2	35	26	25,600	21,000	750	.....	750	40	75	115
		56	.....	56	450	.....	1,441.082	1,170,740	28,140	4,800	32,940	1,205	3,620	4,825
29..	Fertilizer.....	.....	.....	.....	.....	52	4,600	1,000	.....	.....	.....	25	15	40
30..	Foundry.....	4	.....	4	4	40	8,000	2,000	2,400	.....	2,400	12	.....	12
31..	Foundry.....	40	.....	40	75	50	59,500	22,000	21,000	.....	21,000	150	270	420
		44	.....	44	79	.....	67,500	24,000	23,400	.....	23,400	162	270	432
32..	Harness and upholstery..	3	5	8	.....	52	10,000	5,000	2,325	....	2,325	100	50	150
33..	Lime-kiln	30	.....	30	4	46	28,500	640	11,500	.....	11,500	38	45	83
34..	"	60	.....	60	60	45	103,708	33,384	36,982	7,300	44,282	280	214	494
35..	"	25	.....	25	.....	40	27,073	3,700	7,595	1,680	9,275	160	132	292
		115	....	115	64	.....	159,281	43,484	56,077	8,980	65,057	478	391	869
36..	Marble works	1	.....	1	.....	52	3,000	1,000	600	.....	600	15	.....	15
37..	Marble works.....	1	.....	1	.....	36	1,500	500	360	.....	600	5	.....	5
		2	.....	2	.....	.....	4,500	1,500	960	.....	960	20	.....	20
38..	Planing mill.....	18	.....	18	50	50	33,000	16,000	10,800	.....	10,800	125	400	525
39..	"	15	.....	15	.....	52	43,000	34,000	3,550	1,800	5,350	450	695	1,145
40..	"	35	.....	35	100	52	24,000	8,000	12,375	.....	12,375	100	100	200
41..	"	45	.....	45	150	44	60,000	28,000	22,030	.....	22,030	175	400	575
42..	"	12	.....	12	100	35	20,000	15,000	2,625	.....	2,625	50	200	250
43..	"	20	.....	20	90	50	25,000	12,000	6,750	1,200	7,950	87	175	262
		145	.....	145	490	.....	205,000	113,000	58,130	3,000	61,130	987	1,970	2,957

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MARION—Continued.

No. of establishment...	Kind of establishment.	No. of employes.		Total No. of employes...	No. of horse-power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for		Total paid for wages and salaries	Am't paid for		Total paid for taxes and insurance.....
		Males	Fem.						Wages.	Salaries.		Taxes	Insurance.	
44..	Pork packing.....	12	.....	12	.....	4	$10,700	$8,500	$432	.....	$432	$25	$200	$225
45..	Printing.....	40	12	52	15	52	60,000	15,000	22,734	$8,580	31,314	165	450	615
46..	Saw-mill.....	150	.....	150	600	36	400,000	300,000	22,500	5,000	27,500	5,000	6,000	11,000
47..	Stove foundry.....	115	.....	115	40	44	125,000	40,000	47,000	6,000	53,000	600	700	1,300
48..	Tannery.....	1	.....	1	.....	52	6,040	4,000	375	.....	375	10	10	10
	Totals.....	817	57	874	2,023	.....	2,785,286	1,851,234	330,186	50,560	380,746	30,253	15,326	45,580

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MERCER.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Flour-mill	3	.....	3	90	48	$28,520	$25,300	$1,500	.....	$1,500	$57	.....	$57
2..	Wagon and carriage	5	.....	5	.....	52	5,175	1,825	2,400	.....	2,400	.....	$38	38
3..	Woolen-mill	6	2	8	10	24	3,025	1,265	1,332	.....	1,332	25	.....	25
	Totals	14	2	16	100	.....	36,720	28,390	5,232	.....	5,232	82	38	120

MISSISSIPPI.

1..	Basket factory	6	8	14	6	52	$8,000	$1,000	$6,246	.....	$6,264	$15	$50	$65
2..	Flour-mill	17	.....	17	70	52	133 368	108,843	7,956	.....	7,956	.....	2,500	2,500
3..	Saw-mill	200	.....	200	15	40	110,000	10,000	72,000	$2,500	74,500	.....	1,000	1,000
4..	Saw-mill	10	.....	10	30	40	12,000	5,000	3,600	.....	3,600	25	.....	25
		210	.....	210	45	.....	122,000	15,000	75,600	2,500	78,100	25	1,000	1,025
	Totals	233	8	241	121	.....	263,368	124,843	89,820	2,500	92,320	40	3,550	3,590

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MONITEAU.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Carriage and repair	5	.....	5	.....	45	$5,500	$1,000	$3,120	.....	$3,120	.....	.....	.....
2..	Flour mill	5	.....	5	60	52	50,840	40,837	1,945	.....	1,945	$80	$200	$280
3..	"	7	.....	7	50	52	62,137	50,700	2,730	.....	2,730	100	300	400
4..	"	4	.....	4	50	40	42,678	34,470	848	.....	848	85	250	335
		16	.....	16	160	.....	155,155	126,007	5,523	.....	5,523	265	750	1,015
5..	Marble works	2	.....	2	.....	52	6,000	3,000	624	.....	624	20	.....	20
6..	Pottery	7	.....	7	.....	40	4,500	.....	2,520	.....	2,520	.....	.....	.....
7..	Woolen mill	11	3	14	25	32	12,000	5,000	3,744	600	4,344	150	75	225
	Totals	41	3	44	185	.....	183,155	135,007	15,531	600	16,131	435	825	1,060

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MONROE.

No. of establishment	Kind of establishment.	No. of employes		Total number of employes.	No. of horse power.	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Am't paid for		Total paid for taxes and insurance
		Males	Fem.						Wages.	Salaries.		Taxes	Insurance.	
1	Cigar factory	.....	.....	.....	....	50	$2,250	$500	.....	.....	.....	$235	$25	$260
2	Cigar factory	5	.....	5	.....	52	6,000	2,200	$1,725	.....	$1,725	625	20	645
		5	.....	5	.....	.....	8,250	2,700	1,725	.....	1,725	860	45	905
3	Creamery	2	.....	2	40	40	12,600	9,900	600	.....	600	50	150	200
4	Flour mill	6	.....	6	90	52	89,101	66,214	2,250	$3,000	5,250	177	1,000	1,177
5	"	2	.....	2	40	30	24,283	20,105	750	.....	750	40	80	120
6	"	2	.....	2	50	35	21,832	18,200	750	.....	750	30	50	80
7	"	2	.....	2	40	40	25,741	19,580	750	.....	750	50	100	150
8	"	.....	.....	.....	30	35	21,650	18,000	.....	.....	.....	45	75	120
9	"	.....	.....	.....	50	40	19,931	15,735	.....	.....	.....	50	100	150
10	"	3	.....	3	128	50	64,110	51,300	1,125	.....	1,125	150	1,000	1,150
		15	.....	15	428	.....	266,648	209,134	5,625	3,000	8,625	542	2,405	2,947
11	Woolen mill	13	2	15	25	28	15,000	7,500	2,772	.....	2,772	100	100	200
	Totals	35	2	37	493	.....	302,498	229,234	10,722	3,000	13,722	1,552	2,700	4,252

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MONTGOMERY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total amount paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance	Total amount paid for taxes and insurance
1..	Box factory	12	.....	12	25	52	$18,000	$10,000	$4,500	.....	$4,500	$50	$300	$350
2..	Coal mining	35	.....	35	25	52	17,393	.....	11,250	.....	11,250	10	35	45
3..	Flour mill	2	.....	2	40	40	32,565	26,475	750	.....	750	60	400	460
4..	"	5	.....	5	80	52	80,000	54,500	2,000	$600	2,600	150	600	750
5..	"	4	.....	4	60	52	50,000	39,500	1,800	.....	1,800	100	5,000	5,100
		11	.....	11	180	.....	162,565	120,475	4,550	600	5,150	310	6,000	6,310
6..	Tobacco factory	51	20	71	40	36	56,000	21,000	11,000	7,100	18,100	15,838	210	16,048
7..	"	100	75	175	25	52	390,000	190,000	35,880	21,000	56,880	121,700	600	122,300
		151	95	246	65	.....	446,000	211,000	46,880	28,100	74,980	137,538	810	138,348
	Totals	209	95	304	65	.....	643,958	341,475	67,180	28,700	95,880	137,908	7,145	145,053

NEW MADRID.

1...	Lumber mill	125	.....	125	100	45	$100,000	$30,000	$50,625	.....	$50,625	$250	.....	$250

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NEWTON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Flour mill	5	.....	5	30	40	$32,565	$26,475	$1,500	.....	$1,500	$70	$200	$270
2	"	3	.....	3	40	40	35,565	28,725	1,404	.....	1,404	60	160	220
3	"	2	.....	2	.....	40	32,565	26,475	780	.....	780	100	209	300
4	"	3	.....	3	.....	40	32,565	26,475	1,170	.....	1,170	60	150	210
5	"	4	.....	4	.....	40	32,565	26,475	1,872	.....	1,872	100	200	300
6	"	3	.....	3	35	28	19,426	14,250	756	.....	756	40	80	120
7	"	10	.....	10	125	40	411,540	302,700	4,680	.....	4,680	400	1,500	1,900
		30	.....	30	230	.....	597,791	451,575	12,162	.....	12,162	830	2,490	3,320
8	Foundry and machine	30	.....	30	20	52	50,000	20,000	18,720	1,000	19,720	25	25	50
9	Mining and smelting	28	.....	28	60	52	37,282	30,434	15,446	4,912	20,358	.....	250	250
10	Planing mill	6	.....	6	20	30	9,125	7,000	1,620	.....	1,620	30	50	80
11	Plow factory	15	.....	15	16	50	30,000	18,000	6,750	.....	6,750	80	.....	80
12	Wagon factory	8	.....	8	30	52	15,000	8,000	3,368	.....	3,368	100	125	225
13	"	10	.....	10	25	50	20,000	11,500	5,225	.....	5,225	45	50	95
		18	.....	18	55	.....	35,000	19,500	8,593	.....	8,593	145	175	320
14	Water-works	2	2	4	10	24	5,000	3,500	504	.....	504	20	40	60
	Totals	129	2	131	411		764,198	550,009	63,795	5,912	69,707	1,130	3,030	4.160

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NODAWAY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Brick-yard	6	.....	6	.....	16	$1,400	$250	$840	.....	$840	.....	.....	.....
2..	Brick and tile	4	.....	4	.....	.....	3,500	45	400	.....	400	$10	.....	$10
3..	Brick and tile	8	.....	8	.....	28	4,050	125	1,680	.....	1,680	10	.....	10
		18	.....	18	.....	.....	8,950	420	2,920	.....	2,920	20	.....	20
4..	Creamery	3	....	3	12	44	8,400	7,000	550	$600	1,150	60	....	60
5..	Creamery	3	.....	3	....	52	18,530	12,000	720	900	1,620	50	$60	110
		6	.....	6	12	.....	26,930	19,000	1,270	1,500	2,770	110	60	170
6..	Carriage factory	16	.....	16	.....	52	18,000	7,500	8,400	.....	8,400	185	65	250
7..	Cigar factory	14	.....	14	....	52	17,000	6,250	6,200	.....	6,200	.....	.....	.....
8..	Cigar factory	15	.....	15	.....	52	22,500	11,250	7,800	.....	7,800	.....	350	350
		29	.....	29	.....	.....	39,500	17,500	14,000	.....	14,000	.....	350	350
9..	Coal mining	32	.....	32	.....	26	2,400	.....	.....	.....	.....	.....	.....	.....
10..	Flour mill	5	.....	5	60	50	42,530	29,500	2,100	.....	2,100	55	150	205
11..	"	3	.....	3	40	48	30,624	28,000	1,512	.....	1,512	15	.....	15
12..	"	3	.....	3	100	44	42,060	32,000	1,560	.....	1,560	10	100	110
13..	"	3	.....	3	60	52	26,000	19,300	4,000	.....	4,000	100	240	340
14..	"	4	.....	4	40	30	15,000	13,000	100	1,500	1,600	.....	86	86
15..	"	4	.....	4	40	52	32,000	20,000	950	.....	950	80	200	280
16..	"	3	.....	3	35	.....	15,050	13,200	375	600	975	61	180	241
		25	.....	25	375	.....	203,264	155,000	10,597	2,100	12,697	321	956	1,277

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17..	Marble works	4	.....	4	.....	52	5,000	1,500	620	750	1,370	10	15	25
18..	Marble works	8	.....	8	.....	52	9,000	4,500	3,000	1,000	4,000	10	.....	10
		12	.....	12	.....		14,000	6,000	3,620	1,750	5,370	20	15	35
19..	Wagon and carriage	3	.....	3	....	20	9,000	5,000	450	.....	450	.....	30	30
	Totals	141	.....	141	387	.....	322,044	210,420	41,257	5,350	46,607	656	1,476	2,132

PHELPS.

1..	Cigar factory	4	.....	4	.....	52	$7,000	$3,000	$1,872	.....	$1,872	$615	$15	$630
2..	Flour mill	8	.....	8	100	40	153,825	125,625	3,744	$1,200	4,944	200	400	600
3..	Flour mill	4	.....	4	80	30	40,056	33,006	1,080	.....	1,080	60	.....	60
		12	.....	12	180	.....	193,881	158,631	4,824	1,200	6,024	260	400	660
4..	Saw-mill	21	.....	21	60	30	31,400	20,000	5,163	.....	5,163	75	.....	75
	Totals	37	.....	37	240	.....	232,281	181,631	11,859	1,200	13,059	950	415	1,365

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PETTIS.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1	Agricultural implement	10	.....	10	10	52	$15,000	$5,000	$4,680	$2,500	$7,180	$150	$75	$225
2	Brewery	10	.....	10	150	52	19,500	5,000	4,680	1,000	5,680	3,300	300	3,600
3	Candy factory	11	7	18	.....	52	15,000	5,000	5,085	2,000	7,085	100	25	125
4	Carriage factory	20	.....	20	8	52	31,250	.....	9,360	.....	9,360	150	100	250
5	Cigar factory	4	.....	4	.....	52	7,000	2,400	2,495	.....	2,495	610	10	620
6	"	25	2	27	.....	52	35,000	12,000	15,600	1,000	16,600	3,050	40	3,090
7	"	2	.....	2	.....	52	4,375	1,500	624	.....	624	385	10	395
8	"	1	.....	1	.....	52	3,500	1,200	624	.....	624	315	10	325
9	"	1	.....	1	.....	52	2,100	720	624	.....	624	195	10	205
10	"	2	.....	2	.....	52	4,375	1,500	624	.....	624	385	15	400
11	"	12	.....	12	.....	52	14,250	3,754	7,508	.....	7,508	1,100	25	1,125
12	"	5	.....	5	.....	45	7,875	2,700	3,120	600	3,720	690	15	705
		52	2	54	.....	.....	78,475	25,774	31,219	1,600	32,819	6,730	135	6,865
13	Electric light	7	.....	7	200	52	19,614	.....	4,919	1,000	5,919	1,000	.....	1,000
14	Flour mill	1	.....	1	40	40	31,365	25,575	390	.....	390	70	150	220
15	"	6	.....	6	76	48	73,956	60,390	2,340	.....	2,340	350	1,200	1,550
16	"	10	.....	10	80	52	94,695	77,175	4,680	900	5,580	600	1,500	2,100
17	"	2	.....	2	40	40	25,452	20,730	600	.....	600	125	150	275
18	"	2	.....	3	50	40	31,365	25,575	1,080	.....	1,080	150	200	350
19	"	2	.....	2	40	52	31,365	25,575	780	.....	780	60	150	210
20	" *	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		24	.....	24	326	.....	288,198	235,020	9,870	900	10,770	1,355	3,350	4,705
21	Furniture factory	12	.....	12	50	52	14,000	3,500	7,488	.....	7,488	150	100	250

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22..	Gas	8	.....	8	5	52	18,000	.....	4,992	1,000	5,992	1,500	.....	1,500
23..	Ice*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24..	Machine shop	5	.....	5	15	52	6,000	$1,500	3,120	.....	3,120	75	.....	75
25..	Marble works	4	.....	4	.....	52	8,000	2,500	2,496	1,200	3,696	50	.....	50
26..	Pants, overalls and shirt	3	45	48	.....	52	50,000	33,000	5,319	5,000	10,319	300	$200	500
27..	Planing mill	20	.....	20	50	52	25,000	8,000	12,480	900	13,380	150	150	300
28..	Printing, job	2	.....	2	.....	52	2,500	.....	624	.....	624	20	15	35
29..	"	3	.....	3	.....	52	2,500	.....	1,872	.....	1,872	15	10	25
30..	"	.....	.....	.....	.....	52	1,500	.....	.....	.....	.....	15	10	25
31..	"	21	5	26	20	52	24,000	.....	13,821	5,000	18,821	350	200	550
32..	"	.....	.....	.....	.....	52	1,500	.....	.....	.....	.....	15	10	25
33..	"	8	3	11	10	52	14,000	5,000	4,680	1,000	5,680	75	35	110
34..	"	4	.....	4	.....	52	3,000	.....	1,872	.....	1,872	15	10	25
35..	" *	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		38	8	46	30	.....	49,000	5,000	22,869	6,000	28,869	505	290	795
36..	Trunk factory	1	.....	1	.....	52	3,000	1,000	624	.....	624	.....	.....	.....
37..	Woolen mill	9	5	14	30	36	20,000	10,000	3,276	2,000	5,276	150	60	210
	Totals	234	67	301	874	.....	660,037	340,294	132,477	25,100	157,577	15,665	4,785	20,450

* Just commenced.

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PIKE.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Bottling	5	.....	5	5	24	$10,800	$5,000	$561	.....	$561	$25	$15	$40
2	Bottling	2	.....	2	10	52	3,600	1,000	750	.....	750	50	50	100
		7	.....	7	15	.....	14,400	6,000	1,311	.....	1,311	75	65	140
3	Box factory	13	.....	13	40	52	22,500	10,750	5,265	.....	5,265	.....	.....	.....
4	Carriage factory	9	.....	9	.....	35	9,375	4,000	3,307	.....	3,307	150	50	200
5	"	.....	.....	.....	.....	52	6,250	2,500	.....	.....	.....	60	25	85
		9	.....	9	.....	.....	15,625	6,500	3,307	.....	3,307	210	75	285
6	Cigar factory	1	.....	1	.....	52	2,250	900	600	.....	600	231	10	241
7	"	2	.....	2	.....	52	3,500	1,500	1,200	.....	1,200	305	25	330
8	"	.....	.....	.....	.....	52	1,200	480	.....	.....	.....	46	.....	46
9	"	1	.....	1	.....	52	2,250	900	600	.....	600	231	10	241
10	"	1	.....	1	.....	52	2,250	900	600	.....	600	231	10	241
11	"	1	.....	1	.....	52	2,250	900	600	.....	600	231	10	241
12	"	1	.....	1	.....	52	2,400	960	450	.....	450	86	10	96
		7	.....	7	.....	.....	16,100	6,540	4,050	.....	4,050	1,361	75	1,430
13	Custom mill	5	.....	5	60	45	50,332	42,700	2,250	$900	3,150	75	200	275
14	Electric light	3	.....	3	75	52	2,160	.....	1,350	.....	1,350	75	.....	75
15	Electric carbon	4	.....	4	35	52	8,000	3,828	.....	2,172	2,172	20	.....	20
16	Electric	4	.....	4	150	52	3,888	.....	1,800	.....	1,800	100	25	125
		11	.....	11	260	.....	14,048	3,828	3,150	2,172	5,322	195	25	220
17	Flour mill	4	.....	4	40	40	32,565	26,475	1,200	.....	1,200	75	250	325
18	"	10	.....	10	100	52	306,750	240,950	4,500	2,500	7,000	350	2,000	2,350

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19..	"	5	.....	5	60	52	79,801	62,347	2,250	2,500	4,750	250	1,000	1,250
20..	"	10	.....	10	90	48	141,912	116,280	4,500	3,900	8,400	500	1,500	2,000
21..	"	2	.....	2	40	38	29,308	24,250	750	.....	750	50	200	250
		31	.....	31	330	.....	590,336	479,302	13,200	8,900	22,100	1,225	4,950	6,175
22..	Foundry	5	.....	5	40	52	6,000	1,500	2,625	.....	2,625	100	25	125
23..	Lime-kiln	28	.....	28	35	40	31,770	.....	5,420	900	6,320	58	210	268
24..	Lime	15	.....	15	35	44	11,200	.....	5,940	.....	5,940	50	.....	50
		43	.....	43	70	.....	42,970	.....	11,360	900	12,260	108	210	318
25..	Marble works	3	.....	3	.....	52	5,000	2,500	1,050	.....	1,050	.....	.....	.....
26..	"	1	.....	1	.....	52	4,000	1,500	525	.....	525	10	.....	10
27..	"	2	.....	2	.....	52	5,000	2,000	900	.....	900	10	....	10
28..	"	3	.....	3	.....	52	5,000	2,000	900	600	1,500	10	.....	10
		9	.....	9		.....	19,000	8,000	3,375	600	3,975	30	.....	30
29..	Paper mill	14	2	16	80	32	22,500	2,800	4,608	1,000	5,608	150	300	450
30..	Planing mill	10	.....	10	40	47	115,000	105,000	3,948	.....	3,948	100	200	300
31..	Stone	65	.....	65	40	40	40,000	.....	23,400	3,100	26,500	600	100	700
32..	Stone	9	.....	9	150	48	100,000	85,000	3,888	.....	3,888	150	200	250
		74	.....	74	190	.....	140,000	85,000	27,288	3,100	30,388	750	300	1,050
33..	Tobacco factory	30	16	46	7	45	44,800	15,000	10,665	2,500	13,165	100	330	430
34..	"	105	95	200	160	50	498,800	216,356	33,545	42,471	76,016	817	1,325	2,142
35..	"	22	10	32	20	48	46,090	18,000	7,352	1,200	8,552	65	70	135
		157	121	278	187	.....	589,690	249,356	51,562	46,171	97,733	982	1,725	2,707
36..	Vinegar factory	6	.....	6	10	17	15,150	6,375	2,700	.....	2,700	150	50	200
37..	Vinegar and cider	8	.....	8	15	52	36,300	15,000	3,000	.....	3,000	100	500	600
		14	.....	14	25	.....	51,450	21,375	5,700	.....	5,700	250	550	800

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PIKE—Continued.

No. of establishment	Kind of establishment.	No. of employes. Males	Fem	Total No. of employes	No. of horse-power	No of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Insurance	Total paid for taxes and insurance
38..	Wagon factory	2	.....	2	.....	52	$4,200	$1.500	$1,350	.....	$1,350	$10	.....	$10
39..	Water-works	2	.....	2	85	52	6,000	.....	700	.....	700	550	.....	550
40..	Woolen mill	6	.....	6	.....	24	7,000	3,600	1,080	.....	1,080	25	$20	45
		419	123	542	1,422	.....	1,727,151	1,033,751	146,129	$63,743	209,872	6,196	8,720	14,916

PLATTE.

No. of establishment	Kind of establishment.	No. of employes. Males	Fem	Total No. of employes	No. of horse-power	No of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Insurance	Total paid for taxes and insurance
1..	Brewery	30	.....	30	120	52	$60,000	$15,000	$7,500	$4,500	$12,000	$8,500	$100	$8,600
2..	Distillery	6	.....	6	30	16	39,374	2,500	2,304	.....	2,304	6,800	200	7,000
3..	Distillery and milling	4	.....	4	40	16	11,650	4,350	.....	.....	.....	4,090	25	4,115
		10	.....	10	70	.....	51,024	6,850	2,304	.....	2,304	10,890	225	11,115
4..	Flour mill	10	.....	10	50	32	99,500	82,000	2,089	.....	2,089	.....	370	370
5..	"	4	.....	4	50	40	61,200	40,800	2,000	.....	2,000	85	200	285
6..	"	7	.....	7	60	52	138,025	113,400	3,822	.....	3,822	.....	.....	.....
		21	.....	21	160	.....	298,725	236,200	7,911	.....	7,911	85	570	655
	Totals	61	.....	61	350	.....	409,749	258,050	17,715	4,500	22,215	19,475	895	20,37

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POLK.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Charcoal	40	.....	40	.....	52	$50,000	$12,000	$14,600	.....	$14,600	$240	.....	$240
2	Creamery	2	.....	2	12	52	5,689	4,377	936	.....	936	50	$13	63
3	Evaporator	8	12	20	6	8	6,400	3,000	600	.....	600	10	20	30
4	Flouring	2	.....	2	35	40	38,565	30,975	1,152	.....	1,152	50	.....	50
5	" *	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	"	5	...	5	80	46	75,200	55,517	1,950	.....	1,950	240	...	240
7	"	2	.....	2	.....	40	32,565	26,505	600	.....	600	60	100	160
8	"	2	.....	2	40	40	32,565	26,475	600	.....	600	75	150	225
9	"	.....	.....	.....	30	30	19,530	14,885	.....	.....	.....	25	.. ..	25
10	" *	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		11	.....	11	185	196	198,425	154,357	4,302	.....	4,302	450	250	700
11	Woolen mill	1	3	4	25	20	3,000	1,500	162	.....	162	25	15	40
	Totals	62	15	77	228	.....	263,514	175,234	20,600	.....	20,600	775	298	1,073

* Just commenced.

PUTNAM.

1	Flour mill	5	.....	5	40	48	$37,862	$31,570	$1,875	.....	$1,875	$50	$200	$250
2	Flour mill	3	.....	3	50	40	32,565	26,725	1,125	.....	1,125	50	150	200
	Totals	8	.....	8	90	.....	70,427	58,295	3,000	.....	3,000	100	350	450

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PULASKI.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Stave factory	25	.....	25	30	40	$12,000	.....	$9,000	.....	$9,000	$25	.....	$25

RALLS.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Flour mill	2	.....	2	50	26	$22,217	$17,167	350	.....	$350	$100	$500	$600
2..	Flour mill	2	.....	2	50	26	29,060	23,395	300	.....	300	50	200	250
		4	.....	4	100	.....	51,277	40,562	650	.....	650	150	700	850
3..	Straw-stacker	30	.....	30	20	24	22.500	8,000	6,480	$1,800	8,280	50	50	100
	Totals	34	.....	34	120	.....	73,777	48,562	7,130	1,800	8,930	2.0	750	950

RIPLEY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Lumber mill	20	.....	20	25	40	$20,000	$10,000	$6,000	.....	$6,000	$40	.....	$40
2..	"	50	.....	50	50	40	35,000	12,000	18,000	.....	18,000	400	....	400
3..	"	20	.....	20	25	40	20.000	10.000	6,000	.....	6,000	40	....	40
4..	"	20	.....	20	25	40	20,000	10,000	6,0 0	.....	6,000	40	.....	40
5..	"	20	.....	20	25	40	20,000	10,000	6,000	.....	6,000	40	.....	40
	Totals	130	.....	130	150	.....	115,000	52,000	42,000	.....	42,000	560	.....	560

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RANDOLPH.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brick yard	35	.....	35	100	52	$16,500	.....	$9,450	$1,960	$11,410	...	$83	$83
2	Brick yard	15	.....	15	.....	20	2,070	.....	700	100	800	20	20	40
		50	.....	50	100	.....	18,570	.....	10,150	2,060	12,210	20	103	123
3	Cigar factory	1	.....	1	.....	52	2,250	.....	.....	.....	.....	.....	.....	.....
4	"	1	.....	1	.....	52	1,500	$400	.....	.....	.....	150	10	160
5	"	2	.....	2	.....	50	6,000	1,600	1,200	.....	1,200	400	25	425
		4	.....	4	.....	.....	9,750	2,000	1,200	.....	1,200	550	35	585
6	Flour mill	8	1	9	32	42	73,905	61,500	5,000	.....	5,000	100	400	500
7	"	8	.....	8	75	52	81,630	72,937	4,069	.....	4,069	80	200	280
8	"	2	.....	2	35	30	20,367	17,032	450	.....	450	34	250	284
9	"	4	.....	4	40	46	29,332	25,070	1,794	.....	1,794	41	.....	41
		22	1	23	182	.....	205,234	176,540	11,313	.....	11,313	255	850	1,105
10	Foundry and machine	23	.....	23	100	52	30,000	10,000	10,000	3,000	13,000	275	200	475
11	Rake and stacker	12	.....	12	.....	20	17,000	6,600	6,048	.....	6,048	100	90	190
12	Wagon factory	25	.....	25	10	52	39,500	18,500	11,700	1,440	13,140	100	400	500
	Totals	136	1	137	392	.....	320,054	213,640	50,411	6,500	56,911	1,200	1,678	2,978

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RAY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Box factory	25	.....	25	75	50	$67,500	$45,000	$11,250	$1,000	$12,250	$75	$300	$375
2	Canning	50	30	80	40	12	25,880	7,710	4,320	600	4,920	50	200	250
3	Flour mill	3	.....	3	40	45	35,689	29,651	1,350	.....	1,350	50	100	150
4	Flour mill	6	.....	6	80	52	85,614	64,960	3,600	.....	3,600	250	600	850
5	Flour mill	3	.....	3	40	40	33,852	30,820	1,350	.....	1,350	50	200	250
6	Flour mill	3	.....	3	50	40	35,052	28,720	1,125	.....	1,125	125	240	365
		15	.....	15	210	.....	190,207	154,151	7,425	.....	7,425	475	1,140	1,615
7	Foundry	2	.....	2	16	52	3,000	1,000	375	.....	375	10	.....	10
8	Saw-mill	6	.....	6	50	26	15,000	10,000	1,404	.....	1,404	.....	.....	.....
9	Wagon and carriage	7	.....	7	.....	48	10,110	3,000	5,040	.....	5,040	70	40	110
10	Wood work	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	105	30	135	391	.....	311,697	220,861	29,814	1,600	31,414	680	1,680	2,300

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ST. CHARLES

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brewery	5	.....	5	25	52	$21,000	$12,000	$3,000	.....	$3,000	.....	$500	$500
2	"	3	.....	3	25	52	12,000	.....	.....	.....	.....	.....	.....	.....
		8	.....	8	50	.....	33,000	12,000	3,000	.....	3,000	....	500	500
3	Brick, pressed	10	.....	10	40	20	6,000	2,000	1,400	$1,500	2,200	$200	100	300
4	"	8	.....	8	.....	20	5,400	100	1,500	.....	1,500	75	50	125
		18	.....	18	40	.....	11,400	2,100	2,900	1,500	4,400	275	150	425
5	Car (railroad) shops	950	2	952	650	50	1,612,600	1,176,900	376,150	33,000	409,150	1,314	15,690	17,004
6	Cigar factory	4	.....	4	.....	40	23,000	.....	18,000	.....	18,000	.....	200	200
7	"	2	.....	2	.....	50	14,000	2,500	12,000	.....	12,000	.....	100	100
8	"	2	.....	2	.....	45	13,000	2,000	8,500	.....	8,500	.....	50	50
		8	.....	8	.....	.....	50,000	4,500	38,500	.....	38,500	.....	350	350
9	Flouring mill	2	.....	2	80	48	42,000	36,250	900	.....	900	75	300	375
10	"	7	.....	7	80	45	130,000	110,500	3,000	.....	3,000	150	800	950
11	"	7	.....	7	75	40	106,500	86,200	2,800	.....	2,800	125	650	775
12	"	4	.....	4	.....	40	29,700	25,500	1,440	.....	1,440	75	600	675
13	"	6	....	6	.....	40	58,958	49,680	1,800	2,000	3,800	150	800	950
		26	.....	26	235	.....	367,158	308,130	9,940	2,000	11,940	575	3,150	3,725
14	Furniture factory	70	1	71	50	47	45,000	20,000	21,500	1,200	22,700	65	400	465
15	Tobacco factory	85	40	125	30	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	1,165	43	1,208	1,055	.....	2,119,158	1,523,630	451,990	37,700	489,690	2,229	20,240	22,469

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ST. CLAIR.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactured	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Cheese	1	.....	1	10	52	$10,000	$7,000	$936	.....	$936	$20	$15	$35
2..	Flour mill	4	.....	4	50	52	44,565	35,475	1,560	.....	1,560	60	150	210
3..	"	3	.....	4	35	40	32,565	26,475	1,404	.....	1,404	70	150	220
		7	.....	3	85		77,130	61,950	2,964	.....	1,964	130	300	480
4..	Saw-mill	8	.....	8	50	26	6,250	3,750	1,560	.....	1,560	20	.....	20
	Total	16	.....	16	145		93,380	72,700	5,460	.....	5,460	170	315	485

SCHUYLER.

1.	Flour-mill	4	.....	4	40	24	$16,000	$13,950	$864	.....	$864	.....	$450	$450
2..	Flour-mill	1	.....	1	60	40	33,250	27,500	360	.....	360	$100	225	325
3..	Flour-mill	2	.....	2	40	45	20,520	16,700	675	.....	675	45	175	220
4..	Flour-mill	2	.....	2	50	40	32 820	26,700	600	.....	600	75	150	225
		9	.....	9	190	.....	102,590	84,850	2,499		2,499	220	1,000	1,220
5..	Foundry	6	.....	6	15	50	8,000	3,000	2,700	.....	2,700	25	20	45
6..	Woolen-mill	4	.....	4	25	24	12,000	.....	3,960	.....	3,960	50	150	200
	Totals	19	.....	19	230	.....	122,590	87,850	9,159	.....	9,159	295	1,170	1,465

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ST. FRANCOIS.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Flour mill	4	.....	4	40	40	$31,350	$25,575	$1,560	.....	$1,560	$40	$120	$160
2	"	4	.....	4	48	52	51,547	41,737	1,873	.....	1,872	150	400	550
3	"	6	.....	6	50	52	75,112	61,462	2,340	.....	2,340	75	100	175
4	"	7	.....	7	50	52	78,412	63,937	2,730	.....	2,730	150	160	310
5	"	5	.....	5	75	40	59,130	48,450	2,340	.....	2,340	120	160	280
		26	.....	26	260		295,551	241,161	10,842	.....	10,842	535	940	1,475
6	Lead works	800	.....	800	700	52	1,077,650	.....	436,800	25,000	461,800	8,535	6,877	15,412
7	" "	165	.....	165	500	52	274,560	.....	85,000	6,000	91,000	3,500	3,000	6,500
		965	.....	965	1,200		1,352,210	.....	521,800	31,000	552,800	12,035	9,877	21,912
8	Rock quarry	25	.....	25	35	40	22,500	.....	13,800	.....	13,800	50	.....	50
9	Rock crusher*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Wagon and blacksmithing	15	.....	15	25	52	17,500	6,500	7,020	.....	7,020	75	50	125
11	" " "	3	.....	3	.....	52	3,250	400	1,374	.....	1,374	15	.....	15
12	" " "	3	.....	3	.....	52	1,000	1,374	.....	1,374	1,374	15	.....	16
13	" " "	7	.....	7	.....	42	8,000	2,000	3,276	.....	3,276	25	.....	25
		28	.....	28	25		32,750	9,900	13,044	.....	13,044	130	50	180
	Totals	1,044	.....	1,044	1,520		1,703,011	251,061	559,486	31,000	590,486	12,750	10,867	23,617

*Just commenced.

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SALINE.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance	Total paid for taxes and insurance
1..	Brick and tile	10	.....	10	20	30	$10,000	.....	$2,520	.....	$2,520	$50	.....	$50
2..	Brick and tile	4	.....	4	20	20	2,000	.....	600	.....	600	20	.....	20
3..	Brick	13	.....	13	.....	25	7,200	.....	2,475	.....	2,475	20	.....	20
4..	Brick	14	.....	14	18	26	9,000	.....	3,276	.....	3,276	25	.....	25
		41	.....	11	58	101	28,200	.....	8,871	.....	8,871	115	.....	115
5..	Bottling works	4	.....	4	10	52	15,000	3,000	1,878	.....	1,878	.....	.....	.....
6..	Cannery	55	10	65	70	12	15,000	4,000	4,248	.....	4,248	75	$50	125
7..	Flour mill	5	....	5	60	40	50,304	41,030	2,340	.....	2,340	250	800	1,050
8..	"	4	.....	4	75	26	41,083	28,427	1,404	.....	1,404	200	500	700
9..	"	7	.....	7	80	48	200,100	163,750	3,499	2,500	5,999	400	1,500	1,900
10..	"	4	.....	4	60	40	61,860	48,150	1,872	.....	1,872	200	600	800
11..	"	3	.....	3	40	26	24,860	20,350	1,150	.....	1,150	85	150	235
12..	"	16	.....	16	150	44	279,879	205,625	8,720	7,000	15,720	200	1,500	1,700
13..	"	2	.....	2	50	40	33,177	26,925	636	.....	936	100	400	500
14..	"	2	.....	2	55	30	25,652	21,639	782	.....	782	100	150	250
15..	"	4	.....	4	50	40	61,860	48,150	1,872	.....	1,872	175	500	675
		47	....	47	620	.....	778,771	604,037	22,575	9,500	32,075	1,710	6,100	7,810
16..	Gas works	2	.....	2	20	52	8,000	.....	936	.....	936	350	.....	350
17..	Marble works	5	.....	5	.....	52	12,000	6,000	3,120	.....	3,120	200	250	450
	Totals	154	10	164	778	.....	856,971	617,037	41,628	9,500	51,129	2,450	6,400	8,850

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SCOTLAND.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Cigar factory	.....	.....	.....	.....	52	$1,800	$720	.....	.....	.....	$66	.....	$66
2	Flour mill	3	.....	3	60	30	28,673	21,121	$710	.....	$710	80	$200	280
3	Flour mill	5	.....	5	40	52	45,302	35,403	2,250	.....	2,250	100	300	400
4	Flour mill	2	.....	2	40	40	39,000	34,050	750	.....	750	75	150	225
		10	.....	10	140		107,975	90,594	3,710	.....	3,710	255	650	905
5	Grist-mill	.....	.....	.....	20	36	4,800	3,600	.....	.....	.....	25	30	55
6	Grist and saw-mill	4	.....	4	50	40	8,050	6,350	1,200	.....	1,200	40	.....	40
		4	.....	4	70	.....	12,850	9,950	1,200	.....	1,200	65	30	95
7	Handle factory	12	.....	12	12	52	12,500	3,500	5,400	$1,000	6,400	50	100	150
8	Wagon and buggy factory	2	.....	2	10	52	6,800	3,500	1,050	.....	1,050	40	25	65
9	Wagon and buggy "	16	.....	16	6	52	22,250	10,000	8,400	.....	8,400	100	125	225
10	Wagon and plow "	5	.....	5	15	52	11,000	5,000	2,730	.....	2,730	40	20	60
		23	.....	23	31	.....	40,050	18,500	12,180	.....	12,180	180	170	350
	Totals	49	.....	49	253	.....	175,175	123,264	22,490	1,000	23,490	616	950	1,566

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SHANNON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Lumber mill	100	....	100	60	40	$50,000	$15,000	$30,000	.....	$30,000	$200	$300	$500
2	"	50	.....	50	25	40	25,000	7,500	15,000	.....	15,000	25	.....	25
3	"	30	.....	30	20	26	10,000	4,000	3,850	.....	3,850	15	.....	15
4	"	100	.....	100	50	40	50,000	15,000	30,000	$1,000	31,000	250	300	550
5	"	75	.....	75	25	40	35,000	10,000	22,500	.....	22,500	100	200	300
6	"	50	.....	50	20	40	25,000	7,500	15,000	.....	15,000	60	.....	60
7	"	40	.....	40	20	40	25,000	7,500	12,000	.....	12,000	100	...	100
8	"	100	.....	100	80	40	70,000	21,000	32,400	1,500	33,900	300	200	500
9	"	400	.....	400	300	40	270,000	81,000	129,600	5,000	134,600	2,200	4,000	6,200
	Totals	945	.....	945	600	.....	560,000	168,500	290,350	7,500	297,850	3,250	5,000	8,250

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SHELBY.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Blacksmith and wagon	3	.....	3	.....	52	$7,700	$2,000	$1,575	.....	$1,575	$75	$125	$200
2	Blacksmith and wagon	4	.....	4	5	52	9,000	2,500	2,100	.....	2,100	100	200	300
		7	.....	7	5	.....	16,700	4,500	3,675	.....	3,675	175	325	500
3	Cigar factory	2	.....	2	.....	50	4,500	1,500	1,050	$500	1,550	475	25	500
4	Flour mill	3	.....	3	50	40	32,160	27,900	900	.....	900	50	225	275
5	"	2	.....	2	60	40	63,110	52,450	600	.....	600	90	300	390
6	"	2	.....	2	45	48	41,991	36,720	1,008	.....	1,008	30	200	230
7	"	4	.....	4	60	40	32,800	28,200	1,200	.....	1,200	25	150	175
8	"	3	.....	3	50	40	31,500	28,000	900	.....	900	40	200	240
		14	.....	14	265	.....	201,561	173,270	4,608	.....	4,608	235	1,075	1,310
	Totals	23	.....	23	270	.....	222,761	179,270	9,333	500	9,833	885	1,425	2,310

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STODDARD.

No. of establishment....	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries....	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance.....
1..	Brick-yard.....	8	.....	8	.....	32	$7,000	.....	$2,304	.....	$2,304	$15	.....	$15
2..	Flour mill.....	6	.....	6	40	.....	72,021	$58,900	3,744	.....	3,744	150	1,500	1,650
3..	Lumber mill.....	50	.....	50	50	45	50,000	20,000	20,250	.....	20,250	75	250	325
4..	"	20	.....	20	30	40	15,000	6,000	7,200	.....	7,200	25	50	75
5..	"	75	.....	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6..	"	30	.....	30	30	40	15,000	1,500	10,800	.....	10.800	25	50	75
7..	"	15	....	15	25	40	25,000	15,000	5,400	.....	5,400	15	.....	15
8..	"	15	.....	15	25	40	25,000	15,000	5,400	.....	5,400	15	.....	15
9..	"	20	.....	20	30	40	15,000	6,000	7,200	.....	7,200	15	.....	15
10..	"	20	.....	20	25	40	20,000	10,000	7,200	.....	7,200	15	.....	15
11..	"	30	....	30	30	40	15,000	1,500	10,800	.....	10,800	25	50	75
		275	.....	275	245	.....	180,000	75,000	74,250	.....	74,250	210	400	610
12..	Pottery.....	3	.....	3	.....	52	3,500	500	1,404	.....	1,404	20	15	35
13..	Stave factory.....	55	.....	55	140	40	50,000	15,000	19,800	$1,800	21,600	250	300	550
14..	"	20	.....	20	25	45	20.000	8,000	8,100	.....	8,100	15	.....	15
15..	"	30	.....	30	25	40	12.000	.....	10,800	.....	10.800	10	.....	10
16	"	30	.....	30	25	40	12,000	.....	10,800	.....	10,800	25	.....	25
17..	"	30	.....	30	30	40	12,000	.....	10,800	.....	10,800	.20	.....	20
		165	.....	165	245	.....	106,000	23,000	60,300	1,800	62,100	320	300	620
	Totals....	457	.....	457	530	.....	368,521	157,400	142,002	1,800	143,802	715	2,215	2,930

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SULLIVAN.

No. of establishment	Kind of establishment	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1..	Cigar factory	6	.....	6	.....	52	$6,600	$2,600	$2,250	.....	$2,250	$226	$15	$241
2..	Flour mill	3	.....	3	40	40	24,741	17,520	1,350	.....	1,350	50	175	225
3..	"	4	.....	4	50	40	32,565	26,725	1,800	.....	1,800	50	225	275
4..	"	2	.....	2	40	40	26,241	18,820	750	.....	750	30	150	180
5..	"	5	....	5	50	45	35,109	29,219	1,875	.....	1,875	50	200	250
		14	.....	14	180	.....	118,656	92,284	5,775	.....	5,775	180	750	930
6..	Saw and grist mill	3	.....	3	30	40	8,000	6,250	1,076	.....	1,076	20	.....	20
7..	Saw and grist mill	3	.....	3	30	40	9,000	7,200	828	.....	628	15	.....	15
		6	.....	6	60	.....	17,000	13,450	1,904	.....	1,904	35	.....	35
8..	Wagon and buggy factory	4	.....	4	.....	52	6,800	2,800	2,100	.....	2,100	25	25	50
	Totals	30	.....	30	240	.....	149,056	111,134	12,029	.....	12,029	466	790	1,256

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VERNON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Brick-yard	40	.....	40	25	34	$16,500	.....	$12,240	.....	$12,240	$75	.....	$75
2	Butter and cheese factory	4	.....	4	10	28	7,200	$4,000	1,344	.....	1,344	30	$15	45
3	Canning factory	6	60	66	30	16	8,000	3,500	4,176	$600	4,776	25	50	75
4	Cigar factory	6	.....	6	.....	52	8,750	3,000	3,744	6,000	9,744	775	25	800
5	Flour mill	8	.....	8	50	52	42,956	34,760	3,744	.....	3,744	.....	250	250
6	Flour mill	7	.....	7	50	36	85,826	69,907	3,150	.....	3,150	150	300	450
		15	.....	15	100	.....	128,782	104,667	6,894	.....	6,894	150	550	700
7	Foundry and cornice	20	.....	20	8	52	25,000	5,000	15,600	.....	15,600	100	.....	100
8	Gas and electric light	6	.....	6	100	52	17,000	.....	3,744	1,800	5,544	1,500	.....	1,500
9	Wagon and carriage	12	.....	12	.....	52	11,500	3,500	7,488	.....	7,488	50	20	70
10	Water-works	4	.....	4	48	52	15,000	.....	2,496	1,500	3,996	.....	.....	.....
11	Zinc-works	140	.....	140	75	52	500,000	200,000	102,200	5,000	107,200	2,000	.....	2,000
	Totals	253	60	313	396	.....	737,732	323,667	159,926	14,900	174,826	4,705	660	5,365

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WARREN.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Flour mill	10	.....	10	75	40	$93,795	$76,325	$5,250	.....	$5,250	$100	$600	$700
2	Flour mill	2	.....	2	60	45	75,811	62,606	750	.....	750	125	500	625
		12	.....	12	135	.....	169,606	138,931	6,000	.....	6,000	225	1,100	1,325
3	Wagon and buggy factory	8	.....	8	.....	52	11,000	4,500	3,000	.....	3,000	75	50	125
	Totals	20	.....	20	135	.....	180,606	143,431	9,000	.....	9,000	300	1,150	1,450

WASHINGTON.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Flour mill	3	.....	3	40	52	$38,756	$31,630	$1,404	.....	$1,404	$60	.....	$60
2	Lead smelter	6	.....	6	.....	40	40,000	30,000	1,440	.....	1,440	25	.....	25
3	"	4	.....	4	.....	40	21,000	15,750	1,440	.....	1,440	10	....	10
4	"	2	.....	2	.....	40	12,000	9,000	720	.....	720	5	.....	5
5	"	1	.....	1	.....	21	2,000	1,500	234	.....	234	5	.....	5
6	"	1	.....	1	.....	40	4,000	3,000	360	.....	360	5	.....	5
7	"	1	.....	1	.....	52	4,200	3,100	312	.....	312	5	.....	5
8	"	2	.....	2	.....	40	4,800	3,600	720	.....	720	5	.....	5
9	"	2	.....	2	.....	40	4,800	3,600	720	.....	720	5	.....	5
10	"	4	.....	4	20	40	11,360	7,500	1,440	.....	1,440	30	$60	90
11	"	2	.....	2	.....	40	17,680	12,000	720	.....	720	10	.....	10
		25	.....	25	20	.....	121,840	89,050	8,106	.....	8,106	105	60	165
	Totals	28	.....	28	60	.....	160,596	120,680	9,510	.....	9,510	165	60	225

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WAYNE.

No. of establishment	Kind of establishment.	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes	Am't paid for Insurance.	Total paid for taxes and insurance
1	Flour mill	2	.....	2	35	52	$38,713	$31,631	$782	.....	$782	$60	.....	$60
2	Lumber mill	110	.....	110	120	40	120,000	60,000	39,600	$2,500	42,100	1,550	....	1,550
3	"	60	.....	60	80	40	60,000	30,000	18,720	.....	18,720	1,000	$450	1,450
4	"	50	.....	50	160	40	30,000	10,000	15,000	.....	15,000	600	400	1,000
5	"	75	.....	75	180	40	50,000	20,000	22,500	.....	22,500	350	.....	350
6	"	70	.....	70	80	40	60,000	30,000	21,000	.....	21,000	500	.....	500
		365	.....	365	620	200	320,000	150,000	116,820	2,500	119,320	4,000	850	4,850
7	Wagon-spoke factory	10	.....	10	40	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Totals	377	.....	377	695	.....	358,713	181,631	117,602	2,500	120,102	4,000	850	4,910

WORTH.

1	Flour mill	3	.....	3	70	52	$52,700	$41,500	$1,500	.....	$1,500	$90	$200	$290
2.	Flour mill	3	.....	3	45	52	58,775	46,825	1,475	.....	1,475	85	120	205
	Totals	6	.....	6	115	.....	111,475	88,325	2,975	.....	2,975	175	320	495

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ST. LOUIS CITY.

ARCHITECTURAL IRON WORKS.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	140	.....	140	110	48	$251,191	$125,000	$58,548	$11,520	$70,068	$998	$650	$1,648
2	60	.....	60	25	50	75,000	25,000	36,000	2,500	38,500	120	50	170
Totals	200	.....	200	135	.....	326,191	150,000	94,548	14,020	108,568	1,118	700	1,818

AWNING AND TENT FACTORIES.

1	2	4	6	.....	40	8,000	4,500	1,920	.....	1,920	10	10	20
2	.....	15	15	.....	40	15,000	9,000	3,600	.....	3,600	10	10	20
3	4	12	16	.....	40	25,000	15,000	4,800	.....	4,800	15	20	35
4	8	14	22	.....	50	80,000	60,000	9,000	1,000	10,000	100	250	350
5	2	2	4	.....	50	6,000	3,000	1,800	.....	1,800	5	10	15
6	8	25	33	.....	50	105,000	75,000	12,300	2,000	14,300	125	250	375
7	1	2	3	.....	40	6,000	3,000	960	.....	960	5	10	15
8	1	1	2	.....	40	5,000	2,500	720	.....	720	5	10	15
9	3	3	6	.....	40	10,000	6,000	2,160	.....	2,160	10	10	20
10	2	4	6	.....	40	8,000	5,000	1,120	.....	1,120	10	15	25
11	1	3	4	.....	26	3,000	1,000	780	.....	780	5	10	15
12	7	20	27	.....	40	50,000	30,000	8,160	1,000	9,160	50	100	150
Totals	39	105	144	.....	.....	321,000	214,000	47,320	4,000	51,320	350	705	1,055

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ST. LOUIS CITY—Continued

AGRICULTURAL IMPLEMENTS.

No. of establishment...	No. of employes.		Total No. of employes...	No. of horse-power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material...	Amount paid during past year for		Total paid for wages and salaries.....	Amount paid for		Total paid for taxes and insurance.....
	Males.	Fem.						Wages.	Salaries.		Taxes.	Insurance.	
1.....	12	.....	12	.....	50	$50,000	$30,000	$7,200	$600	$7,800	$150	$120	$270
2.....	125	.....	125	60	50	211,167	76,433	67,919	17,997	85,916	1,279	2,369	3,649
Totals..	137	.....	137	60	.....	261,167	106,433	75,119	18,597	93,716	1,429	2,489	3,919

BAGS AND BAGGING.

1.....	30	105	135	60	45	635,000	498,000	45,000	20,000	65,000	1,750	4,000	5,750
2.....	60	140	200	80	52	1,250,000	1,125,000	63,000	25,000	88,000	2,000	8,000	10,000
3.....	3	20	23	7	52	6,000	2,000	1,500	.....	1,500	130	160	290
4.....	59	134	193	200	49	690,000	513,000	66,738	21,000	87,738	800	1,311	2,111
5.....	30	27	57	32	52	300,000	225,000	21,954	4,600	26,554	235	882	1,117
Totals..	182	426	608	379	.....	2,881,000	2,363,000	198,192	70,600	268,792	4,915	14,353	19,268

BELLOWS.

1.....	3	.....	3	2	52	3,000	250	1,400	.....	1.400	70	72	142
2.....	3	.....	3	.....	42	4,184	2,273	1,000	500	1,500	180	11	191
3.....	4	.....	4	4	52	10,000	3,500	2,700	.....	2,700	50	.....	50
Totals..	10	.....	10	6	.....	17,184	6,023	5,100	500	5,600	300	83	383

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BLANK BOOKS, LITHOGRAPHING AND PRINTING.

No. of establishment	No. of employes. Males	No. of employes. Fem	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	11	4	15	.....	52	$15,000	$1,800	$9,438	.....	$9,438	$16	$51	$67
2	115	33	148	40	52	119,000	20,000	80,000	$10,000	90,000	589	750	1,339
3	57	3	60	40	52	100,000	25,000	40,000	.....	40,000	316	900	1,216
4	47	8	55	7	52	70,000	30,000	23,010	4,734	27,744	272	1,233	1,506
5	8	8	16	2	52	24,000	8,000	10,000	.....	10,000	100	150	250
6	40	120	160	50	36	75,000	.....	65,000	.....	65,000	90	.....	90
7	25	10	35	5	52	25,000	.....	12,000	3,000	15,000	35	.....	35
8	188	52	240	50	52	331,600	89,600	114,021	40,619	154,640	555	1,662	2,217
9	58	12	70	25	52	116,236	26,297	41,115	16,261	57,377	194	1,131	1,326
10	135	32	167	.....	52	182,997	54,152	71,840	19,985	91,825	600	1,917	2,517
11	40	10	50	50	52	56,634	17,186	13,794	10,870	24,664	150	625	775
12	20	.....	20	5	52	28,000	19,000	5,139	3,380	8,519	100	229	329
13	60	65	125	50	52	90,000	25,000	46,550	5,000	51,550	179	880	1,059
Totals	804	357	1,161	324	.....	1,233,467	316,035	531,907	113,850	645,757	3,200	9,529	12,730

BOILER WORKS.

1	80	.....	80	75	52	99,260	35,000	46,600	.....	46,600	412	255	667
2	15	.....	15	12	40	20,000	8,000	7,200	.....	7,200	30	20	50
3	160	.....	160	100	52	311,379	209,260	84,424	.....	84,424	387	430	818
4	49	1	50	20	52	83,600	45,410	31,180	2,600	33,780	1,500	750	2,250
5	180	.....	180	80	.....	197,000	76,500	81,000	8,000	89,000	875	270	1,145
Totals	484	1	485	287	.....	711,240	374,170	250,404	10,600	261,004	3,204	1,725	4,930

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ST. LOUIS CITY—Continued.

BOOT AND SHOE MANUFACTURING.

No. of establishment	No. of employes		Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Amount paid for		Total paid for taxes and insurance
	Males.	Fem.						Wages.	Salaries.		Taxes.	Insurance.	
1	110	30	140	40	49	$220,000	$130,000	$62,000	$8,000	$70,000	$1,100	$900	$2,000
2	40	10	50	5	.....	82,000	50,000	20,000	5,000	25,000	78	375	453
3	25	12	37	2	26	12,000	7,800	4,000	.....	4,000	200	.....	200
4	40	23	63	25	52	166,950	108,590	35,823	2,500	38,323	.....	250	250
5	50	50	100	15	52	80,000	48,630	23,144	1,200	24,344	.....	221	221
6	210	190	400	225	50	556,500	364,329	98,001	4,500	102,501	1,574	1,200	2,774
7	53	60	113	30	52	130,244	86,044	42,158	.....	42,158	550	1,150	1,700
8	20	15	35	7	48	50,000	30,000	10,800	3,600	14,400	.....	126	126
9	55	31	86	15	45	150,000	72,000	43,000	2,600	45,600	500	425	925
10	110	20	130	40	52	135,000	90,000	30,000	2,500	32,500	300	225	525
11	23	42	65	10	51	80,000	50,000	25,000	3,000	28,000	85	264	349
12	85	35	120	25	48	175,000	100,000	29,226	8,640	37,866	109	462	571
13	75	65	140	15	52	185,730	97,116	41,643	5,000	46,643	.....	.....	.....
14	389	311	700	175	51	1,052,563	708,750	208,390	79,305	287,695	1,050	800	1,850
15	36	30	66	3	45	65,000	34,837	9,115	1,325	10,440	160	115	275
16	20	20	40	12	48	37,000	19,000	13,200	.....	13,200	.....	350	350
17	39	21	60	10	49	75,000	30,000	24,500	5,000	29,500	40	350	390
18	8	4	12	2	30	9,720	6,500	3,200	.....	3,200	.....	25	25
19	6	6	12	2	28	11,340	6,048	2,772	420	3,192	.....	19	19
Totals	1,394	975	2,369	648	.....	3,274,048	2,039,646	725,973	132,590	858,563	5,749	7,257	13,007

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BOX FACTORIES.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	86	.....	86	200	50	$194,649	$98,230	$44,988	$3,000	$47,988	$1,060	$686	$1,746
2	13	57	70	5	52	28,000	10,000	6,000	600	6,600	43	200	243
3	4	8	12	.....	52	8,705	3,295	4,600	.....	4,600	5	18	23
4	10	.....	10	15	52	7,200	4,200	.....	.....	.....	13	27	40
5	14	.....	14	12	36	11,523	5,364	4,914	.....	4,914	.....	60	60
6	75	50	125	150	48	70,000	35,000	30,000	1,800	31,800	200	600	800
7	18	22	40	10	52	66,000	44,700	14,520	.....	14,520	12	320	332
8	58	144	202	50	52	150,000	45,000	38,000	3,500	41,500	120	272	392
9	16	44	60	10	52	45,500	21,029	12,204	3,600	15,804	50	150	200
10	10	.....	10	10	52	26,000	18,000	5,900	.....	5,900	29	110	139
11	45	.....	45	75	52	90,000	60,000	22,000	2,400	24,400	300	900	1,200
12	60	.....	60	90	48	100,759	53,000	30,000	.....	30,000	560	1,340	1,900
13	22	.....	22	30	50	48,000	25,000	12,000	.....	12,000	.....	150	150
14	32	.....	32	60	52	40,000	20,000	15,000	2,500	17,500	160	350	510
15	8	7	15	8	50	8,000	3,000	2,500	.....	2,500	60	125	185
16	42	.....	42	65	52	62,000	32,000	24,945	.....	24,945	95	1,055	1,150
17	16	.....	16	30	45	26,900	14,200	7,532	.....	7,532	30	150	180
Totals	529	332	861	820	....	983,236	492,018	275,103	17,400	292,503	2,737	6,513	9,250

BONE BLACK.

1	22	.....	22	120	48	78,823	59,436	10,900	2,400	13,300	120	900	1,020
2	25	.....	25	150	45	55,000	30,000	10,000	.....	10,000	500	500	1,000
Totals	47	.....	47	270	.....	133,823	89,436	20,900	2,400	23,300	620	1,400	2,020

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ST. LOUIS CITY—Continued.

BREWERIES.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total amount paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total amount paid for taxes and insurance
1	400	.....	400	2,500	52	$1,500,000	$550,000	$235,000	$25,000	$260,000	$308,800	$14,500	$323,300
2	1,200	.....	1,200	3,000	52	3,750,000	1,200,000	530,000	100,000	630,000	660,100	20,000	680,100
3	50	.....	50	.....	52	305,885	131,400	.....	36,797	36,797	45,910	350	46,260
4	56	.....	56	400	34	228,000	120,000	35,000	16,000	51,000	34,315	1,200	35,515
5	1,200	.....	1,200	5,000	52	5,255,820	1,684,558	864,000	.....	864,000	806,887	12,738	819,625
Totals	2,906	.....	2,906	9,900	.....	11,039,705	3,685,958	1,664,000	177,797	1,841,797	1,856,012	48,788	1,904,800

BRICK AND SEWER PIPE MANUFACTORIES.

1	50	.....	50	40	.....	35,000	.....	15,000	2,000	17,000	.....	.....	.....
2	40	.....	40	40	.....	40,600	9,000	15,988	1,500	17,488	390	35	425
3	268	.....	268	400	50	264,500	42,325	120,000	20,000	140,000	2,200	800	3,000
4	25	.....	25	15	48	20,000	4,000	10,000	1,200	11,200	70	100	170
5	103	.....	103	150	51	195,000	36,000	54,240	9,285	64,525	1,240	1,100	2,340
6	226	.....	226	250	40	239,850	.....	99,405	9,750	109,155	1,466	984	2,450
7	500	.....	500	1,200	40	600,000	.....	275,000	25,000	300,000	5,000	3,000	8,000
8	60	.....	60	50	45	64,900	.....	37,556	2,444	40,000	55	175	230
9	140	.....	140	239	52	96,324	17,600	56,010	10,382	66,392	654	1,606	2,260
Totals	1,412	.....	1,412	2,384	.....	1,556,174	108,925	684,199	81,561	765,760	11,075	7,800	18,875

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BRUSH MANUFACTORIES.

No. of establishment	No. of employes. Males	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	8	.....	8	.....	52	$3,000	$200	$1,800	.....	$1,800	$15	$25	$40
2	10	.....	10	.....	52	20,000	15,000	4,160	$1,040	5,200	275	83	358
3	.....	.....	.....	3	52	7,100	2,000	1,143	1,200	2,343	25	102	127
4	7	.....	7	.....	47	5,770	1,600	1,962	600	2,562	15	16	31
5	4	.....	4	.....	52	5,000	800	3,000	.....	3,000	28	30	58
6	13	5	18	.....	48	10,000	1,500	5,500	700	6,200	35	40	75
Totals	42	5	47	3	.....	50,870	21,100	17,565	3,540	21,105	393	296	689

CABINET SHOPS.

1	1	.....	1	.....	52	1,404	450	300	.....	300	63	3	66
2	20	.....	20	.....	52	60,883	16,985	31,715	2,400	34,115	20	437	457
3	16	.....	16	15	52	20,000	3,500	13,000	.....	13,000	185	86	271
Totals	37	.....	37	15	.....	82,287	20,935	45,015	2,400	47,415	268	526	794

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ST. LOUIS CITY—Continued.

CARRIAGES, BUGGIES AND WAGONS.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	40	.....	40	.....	52	$52,000	$21,000	$17,500	.....	$17,500	$85	$648	$733
2	20	.....	20	.....	52	18,600	3,100	4,000	.....	4,000	.....	50	50
3	5	.....	5	.....	52	5,075	1,990	2,546	.....	2,546	26	15	41
4	17	.....	17	.....	52	16,000	5,500	6,000	$2,350	8,350	.....	100	100
5	9	.....	9	.....	52	2,025	1,200	1,500	.....	1,500	90	5	95
6	363	12	375	250	48	685,471	378,320	166,755	18,500	185,255	2,500	3,000	5,500
7	20	.....	20	.....	52	13,600	3,500	9,360	.....	9,360	157	.....	157
8	16	.....	16	.....	52	6,000	4,500	6,500	.....	6,500	150	200	350
9	40	.....	40	25	52	44,275	19,785	17,784	3,000	20,784	201	499	700
10	80	2	82	65	52	137,211	60,000	41,568	12,100	53,668	455	2,000	2,455
11	12	.....	12	.....	.....	15,000	4,654	6,474	.....	6,474	21	48	70
12	13	.....	13	.....	52	16,000	4,000	7,098	.....	7,098	.....	64	64
13	97	3	100	20	51	300,000	200,000	48,841	14,070	62,912	940	1,200	2,140
14	14	.....	14	.....	52	12,020	2,000	6,421	.....	6,421	175	103	278
15	6	.....	6	.....	52	4,900	700	3,150	.....	3,150	60	30	90
16	50	.....	50	.....	52	90,000	45,000	36,000	.....	36,000	600	400	1,000
17	55	.....	55	100	52	103,985	54,000	40,653	.....	40,653	280	836	1,116
18	55	.....	55	.....	52	80,444	33,000	33,150	7,500	40,650	662	945	1,607
19	50	2	52	15	50	73,000	36,000	19,067	4,032	23,099	127	562	689
20	12	.....	12	.....	52	5,200	1,300	4,200	.....	4,200	89	.....	89
21	20	.....	20	.....	52	17,500	7,000	11,000	1,500	12,500	35	105	140
22	10	.....	10	5	52	12,000	2,000	6,240	.....	6,240	77	175	252
23	6	.....	6	.....	52	4,800	900	2,800	.....	2,800	90	16	106
24	15	.....	15	.....	52	15,000	4,000	8,642	.....	8,642	.....	70	70
25	3	.....	3	.....	52	4,300	1,000	2,080	.....	2,080	5	6	11
26	58	2	60	50	40	75,000	40,000	23,960	.....	23,960	155	575	730
27	39	2	41	10	28	47,000	30,000	8,000	2,700	10,700	56	180	236
28	77	3	80	100	50	245,000	163,350	36,000	12,000	48,000	175	1,200	1,375
29	196	4	200	250	52	340,692	175,000	114,000	35,000	149,000	.....	.....	.....
30	25	.....	25	.....	52	30,000	12,000	8,000	1,500	9,500	.....	175	175

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31.....	125	.....	125	150	52	149,500	60,000	53,000	9,000	62,000	550	1,200	1,750
32.....	11	11	22	35	52	120,000	85,000	6,816	14,198	21,014	170	500	670
Totals.	1,559	41	1,600	1,075	.....	2,741,600	1,459,799	759,107	137,451	896,559	7,935	14,909	22,844

CANDY FACTORIES.

1.....	4	6	10	.....	52	20,000	10,000	3,500	4,000	7,500	.....	.....	.....
2.....	3	6	9	2	32	20,160	11,424	2,595	.....	2,595	26	57	83
3.....	105	99	204	15	52	400,000	250,000	74,450	37,500	111,950	2,000	2,000	4,000
4	130	70	200	50	46	500,000	350,000	60,000	14 000	74,000	673	1,000	1,673
5.....	10	20	30	.....	52	50,000	20,000	6,000	7,000	13,000	120	175	295
6.....	40	55	95	.....	50	250,000	168,000	35,000	11,000	46,000	350	700	1.050
7.....	36	35	71	40	52	194,000	122,000	37,000	.....	37,000	298	220	518
8	35	65	100	25	50	190,000	120,000	23,225	17,746	40,971	240	625	865
Totals	363	356	719	132	....	1,624,160	1,051,424	241,770	91,246	333,016	3,707	4,777	8,484

CAR AND CAR-WHEEL MANUFACTORIES.

1.....	1,000	.....	1,000	1,000	51	3,023,465	2,270,010	624,820	32,400	657,220	3,500	3,500	7,000
2.....	200	.....	200	150	52	541,000	378,000	100,000	13,000	113,000	250	1,200	1,450
3.....	50	.....	50	25	52	89,710	51,534	30,507	2,700	33,207	392	560	953
4.....	150	.....	150	150	52	256,900	116,235	95,500	14,400	109,900	445	2,350	2,795
5.....	132	.....	132	150	52	246,560	82,000	78,763	12,010	90,773	738	1,374	2,112
6.....	322	3	325	150	52	483,000	341,575	118,973	7,200	126,173	1,135	3,200	4,335
Totals.	1,854	3	1,857	1,625	.....	4,640,636	3,239,354	1,048,564	81,710	1,130,274	6,462	12,184	18,647

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COOPERAGE.

No. of establishment	No of employes. Males.	No of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Aounmt paid for Taxes.	Aounmt paid for Insurance.	Total paid for taxes and insurance
1	7	.....	7	.....	52	$8,500	$4,500	$3,500	.....	$3,500	.....	$16	$16
2	25	.....	25	.....	50	28,000	15,000	10,000	.....	10,000	$250	.....	250
3	12	.....	12	.....	52	15,000	8,000	5,800	.....	5,800	175	.....	175
4	125	.....	125	100	51	150,000	60,000	30,000	$10,000	40,000	300	700	1,000
5	6	.....	6	.....	52	14,500	5,850	3,570	.....	3,570	14	18	32
6	10	.....	10	.....	48	14,500	10,150	4,320	.....	4,320	200	100	300
7	50	.....	50	80	50	68,000	31,500	18,000	5,000	23,000	375	1,000	1,375
8	30	.....	30	.....	51	43,250	31,500	8,750	1,200	9,950	250	200	450
9	4	.....	4	.....	52	5,484	2,203	2,193	.....	2,193	5	14	19
10	5	.....	5	52	52	3,744	1,865	1,874	.....	1,874	6	32	38
11	6	.....	6	.....	52	7,660	4,355	3,365	.....	3,365	65	15	80
12	150	.....	150	125	48	220,000	140,000	55,000	6,000	61,000	1,000	750	1,750
13	14	.....	14	.....	52	28,125	12,375	4,888	.....	4,888	26	12	38
14	7	.....	7	.....	52	9,750	4,355	3,944	.....	3,944	45	11	56
15	125	.....	125	200	52	285,000	160,000	80,000	1,000	81,000	500	1,800	2,300
16	2	.....	2	.....	52	4,640	1,840	963	...	963	87	4	91
17	82	.....	82	95	52	102,550	25,100	36,400	5,600	42,000	950	2,664	3,614
18	5	.....	5	.....	52	4,996	2,002	2,549	.....	2,549	2	2	4
19	5	.....	5	.....	14	5,000	3,600	1,000	.....	1,000	65	10	75
20	15	.....	15	.....	48	26,000	18,000	6,250	.....	6,250	60	.....	60
21	20	.....	20	.....	44	23,830	17,950	7,920	.....	7,920	90	85	175
22	45	.....	45	10	45	85,000	47,000	9,000	.....	9,000	165	225	390
23	10	.....	10	.....	29	9,744	5,150	3,422	.....	3,422	161	112	273
24	4	.....	4	.....	52	5,400	3,275	1,272	.....	1,272	9	7	16
25	10	.....	10	.....	52	8,000	6,000	.....	.....	.....	18	27	45
26	5	.....	5	.....	52	4,680	1,560	1,750	.....	1,750	.....	12	12
Totals.	779	.....	779	662	.....	1,181,353	623,130	305,730	28,800	334,530	4,820	7,817	12,637

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CIGAR MANUFACTORIES.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total No. of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	5	.....	5	.....	52	$7,200	$4,000	$2,804	.....	$2,804	$13	$15	$28
2	4	.....	4	.....	44	2,700	1,000	528	$108	636	12	10	22
3	10	.....	10	.....	52	9,994	5,660	4,160	.....	4,160	20	8	28
4	4	.....	4	.....	52	4,530	1,510	1,661	453	2,114	14	25	39
5	5	.....	5	.....	52	7,950	2,698	2,982	1,000	3,982	*931	40	971
6	11	.....	11	.....	.....	10,000	3,000	5,000	.....	5,000	145	.....	145
7	3	.....	3	.....	52	6,655	2,890	2,365	.....	2,365	*410	9	419
8	10	.....	10	.....	52	11,400	4,500	4,680	936	5,616	15	25	40
9	7	.....	7	.....	51	10,000	3,700	2,570	800	3,370	*1,011	15	1,026
10	7	.....	7	.....	52	18,000	12,000	4,700	.....	4,700	30	60	90
11	4	.....	4	.....	52	7,100	2,850	3,120	.....	3,120	*766	15	781
12	2	.....	2	.....	.....	3,600	800	1,200	.....	1,200	*360	21	381
13	8	.....	8	.....	50	11,000	3,500	3,500	.....	3,500	*1,000	16	1,016
14	5	.....	5	.....	50	7,700	2,640	2,200	.....	2,200	10	20	30
15	6	.....	6	.....	52	7,500	3,750	3,500	.....	3,500	*725	33	758
16	3	.....	3	.....	52	4,000	1,500	1,000	.....	1,000	52	11	63
17	15	.....	15	.....	52	23,000	8,500	6,265	.....	6,265	171	37	208
18	1	1	2	.....	52	1,679	321	894	.....	894	6	3	9
19	41	25	66	.....	40	30,000	15,000	.....	26,000	26,000	*3,700	175	3,875
20	5	1	6	.....	48	2,000	1,500	700	500	1,200	30	20	50
21	3	.....	3	.....	52	4,000	1,340	1,404	.....	1,404	*402	4	406
22	1	.....	1	.....	52	4,065	1,700	250	.....	250	*411	3	414
23	17	1	18	.....	52	15,000	6,000	5,500	.....	5,500	*1,520	45	1,565
24	2	.....	2	.....	52	4,323	724	1,248	.....	1,248	*357	1	358
25	3	.....	3	.....	52	6,798	2,350	2,208	200	2,408	*552	15	567
26	2	.....	2	.....	52	3,600	650	1,482	.....	1,482	*360	9	369
27	2	.....	2	.....	52	4,680	1,225	594	.....	594	*375	7	382
28	15	1	16	.....	52	30,000	12,700	9,168	.....	9,168	*2,389	50	2,439
29	24	1	25	.....	52	37,995	16,160	12,530	1,800	14,330	*1,639	115	1,754
30	5	.....	5	.....	49	3,500	2,200	2,500	.....	2,500	13	15	28
31	32	2	34	.....	52	48,840	18,000	19,448	1,200	20,648	*3,738	125	3,863
32	3	.....	3	.....	52	4,340	1,000	1,555	.....	1,555	*383	10	393

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ST. LOUIS CITY—Continued.

CIGAR MANUFACTORIES.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
33	3	.....	3	.....	52	$3.850	$2,000	$1,400	.....	$1,400	$10	$30	$40
34	7	.....	7	.....	52	6,000	3,500	3.500	.....	3,500	1	19	20
35	5	.....	5	.....	52	7.920	3,376	2,738	.....	2,738	5	10	15
36	7	.....	7	.....	52	9,999	5,319	4,680	.....	4,680	5	21	26
37	7	.....	7	.....	52	8,225	4,377	3,848	.....	3,848	6	22	28
38	7	.....	7	.....	51	15,052	8,370	4,781	.....	4,681	*836	37	874
39	9	.....	9	.....	.....	6,000	2,900	1.800	$500	2,300	*372	.....	372
40	3	.....	3	.....	52	4,370	2,100	1,636	200	1,836	10	15	25
41	2	.....	2	.....	52	3,380	600	300	.....	300	5	2	7
42	7	2	9	.....	51	14,000	6,000	3,600	2,000	5,600	*1,230	35	1,265
43	6	.....	6	.....	52	6,800	3,400	2,050	.....	2,050	128	10	138
44	3	.....	3	.....	52	3,000	1,000	.....	.....	.....	.....	6	6
45	2	.....	2	.....	52	5,018	2,000	1,586	.....	1,586	10	7	17
46	6	.....	6	.....	.....	3,750	750	900	.....	900	*472	10	482
47	1	.....	1	.....	52	1,319	1,416	882	.....	882	*700	10	710
48	2	.....	2	.....	52	2,000	800	800	.....	800	8	6	14
49	4	.....	4	.....	52	5,760	1,500	2,590	.....	2,590	16	15	31
50	5	.....	5	.....	52	4,290	1,795	2,158	.....	2,158	15	18	33
51	1	.....	1	.....	.....	3,000	1,000	500	.....	500	*305	10	315
52	3	.....	3	.....	52	7,000	2,500	1,860	.....	1,860	.....	.....	.....
53	10	.....	10	.....	52	12,000	5,500	4,000	.....	4,000	*915	35	950
54	5	.....	5	.....	49	4,960	1,000	2.000	.....	2.000	*754	.....	754
55	2	.....	2	.....	52	2,600	600	1,040	.....	10.40	30	11	41
56	3	.....	3	.....	52	4,800	1,000	1,768	.....	1,768	*932	800	1,732
57	5	.....	5	.....	52	4,880	1,800	2,100	.....	2 100	*553	15	568
58	4	.....	4	.....	52	5,346	2.000	1.747	.....	1,747	18	25	43
59	35	5	40	.....	51	50,000	25,000	20,000	.....	20.000	60	65	125
60	3	.....	3	.....	52	3.549	1,300	854	.....	854	5	24	29
61	7	.....	7	.....	.....	8,576	3,700	2,400	240	2,640	*260	10	270
62	9	.....	9	.....	52	8,263	3,500	2,860	.....	2,860	*619	5	624

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63	6	.....	6	.....	52	6,000	1,920	4,004	.....	4,004	5	13	18
64	6	.....	6	.....	52	12,000	5,600	3,600	.....	3,600	25	20	45
65	12	.....	12	.....	52	13,000	5,000	6,630	.....	6,630	8	25	33
66	17	1	18	.....	50	32 793	11,000	10,000	.....	10,000	*2,975	25	3,000
67	4	.....	4	.....	52	8,750	4,500	3,000	.....	3,000	*600	10	610
68	1	.....	1	.....	.....	3,000	800	1,350	.....	1,350	6	5	11
69	3	.....	3	.....	50	4,000	800	1,500	.....	1,500	5	15	20
70	3	1	4	.....	52	6,225	2,051	2,086	.....	2,086	.....	12	12
71	15	.....	15	.....	52	25,000	9,000	12,000	.....	12,000	*1,850	100	1,950
72	39	3	42	.....	51	75,000	31,000	24,626	1,750	26,376	*4,450	230	4,680
Totals	544	44	588	.....	.....	764,626	317,243	260,893	37,687	298,580	39,776	2,660	42,442

*Government tax included.

COFFIN MANUFACTORIES.

1	13	.....	13	25	50	22,600	14,396	6,418	.....	6,418	189	309	498
2	100	5	105	75	51	92,500	61,000	18,000	12,000	30,000	600	2,750	3,350
3	113	10	123	80	51	132,700	37,700	55,230	15,200	70,430	300	2,800	3,100
Totals	226	15	241	180		247,800	113,096	79,648	27,200	106,848	1,089	5,859	6,948

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ST. LOUIS CITY—Continued.

CLOTHING, SHIRTS AND UNDERWEAR.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	.....	40	40	.....	52	$40,000	$26,000	$10,500	.....	$10,500	$30	$40	$70
2	15	85	100	2	52	31,800	15,000	10,600	$1,590	12,190	30	75	105
3	2	8	10	1	45	10,700	6,500	1,225	550	1,775	.....	22	22
4	4	61	65	6	52	74,324	34,184	19,812	.....	19,812	121	230	351
5	.....	10	10	.....	51	5,000	2,000	2,754	.....	2,754	.....	.....	.....
6	77	66	143	.....	.....	300,000	160,000	84,986	25,218	110,205	700	2,500	3,200
7	20	1	21	.....	52	250,000	155,000	38,000	7,000	45,000	250	750	1,000
8	25	50	75	.....	52	90,000	60,000	13,000	2,500	15,500	.....	.....	.....
9	40	50	90	.....	52	115,000	72,000	22,000	6,000	28,000	65	300	365
10	1	12	13	.....	52	18,000	8,000	3,200	.....	3,200	43	90	133
11	6	19	25	1	52	45,000	25,000	5,000	.....	5,000	250	.....	250
12	5	12	17	.....	52	20,000	12,500	2,400	1,200	3,600	47	65	112
13	7	.....	7	10	52	55,000	40,000	1,800	4,400	6,200	175	125	300
14	10	50	60	5	.....	150,000	100,000	35,000	6,000	41,000	150	350	500
15	2	1	3	.....	49	10,000	6,000	.....	.....	.....	25	200	225
16	40	.....	40	40	42	800,000	470,000	15,000	45,000	60,000	.....	2,400	2,400
17	1	30	31	.....	52	30,000	15,000	8,000	.....	8,000	50	100	150
18	7	60	67	15	52	60,000	20,000	22,000	.....	22,000	300	175	475
19	80	200	280	.....	.....	200,000	75,000	62,000	34,000	96,000	878	1,825	2,703
20	5	50	55	1	.....	25,000	15,000	5,000	3,000	8,000	150	.....	150
21	10	75	85	4	52	75,000	35,000	32,000	3,600	35,600	48	420	468
22	10	85	95	3	50	75,000	35,000	40,000	.....	40,000	192	300	492
23	8	25	33	.....	50	15,000	8,000	4,500	3,100	7,600	100	250	350
24	4	.....	4	.....	52	21,600	10,000	3,000	.....	3,000	36	100	136
25	18	50	68	.....	52	175,000	125,000	30,500	8,300	38,800	250	450	700
26	.....	10	10	.....	.....	16,000	10,000	.....	.....	.....	3,000	.....	3,000
27	95	162	257	.....	52	503,707	285,088	.....	148,677	148,677	471	1,150	1,621
28	3	70	73	2	52	35,000	10,000	18,000	.....	18,000	175	.....	175
29	1	7	8	8	51	8,500	2,500	3,600	.....	3,600	.....	.....	.....

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30	5	15	20	4	52	20,000	9,000	6,500	1,500	8,000	40	100	140
31	12	13	25	.....	52	40,000	20,000	14,700	2,500	17,200	100	300	400
32	75	575	650	5	52	620 000	300,040	45,000	240,000	285,000	1,200	1,500	2,700
33	4	35	39	3	10	25,000	7,800	11,260	2,140	13,400	.....	200	200
Totals	592	1,927	2,519	110	.....	3,959,631	2,174,612	571,337	546,275	1,117,613	8,877	14,017	22,894

CHEMICALS.

1	2	.....	2	40	20	3,000	225	1,536	.....	1,536	12	50	62
2	45	5	50	50	52	250,000	200,000	22,000	.....	22,000	300	1,400	1,700
3	80	5	85	151	.....	285,197	80,000	36,304	14,480	50,784	345	1,140	1,485
4	7	9	16	.....	52	55,000	30,000	2,500	2,500	5,000	85	70	155
5	2	10	12	.....	52	30,000	.....	5,000	.....	5,000	51	197	249
6	3	.....	3	.....	52	6,000	4,000	1,800	.....	1,800	5	5	10
7	67	5	72	180	52	150,000	80,000	34,246	4,980	39,226	431	3,013	3,444
8	30	.....	30	100	49	180,000	78,000	20,825	6,300	27,125	529	1,200	1,729
9	113	35	148	136	52	600,000	450,000	54,355	19,516	73,871	3,050	4,987	8,038
Totals	349	69	418	657	.....	1,559,197	920,225	178,566	47,776	226,342	4,811	12,064	16,875

ELECTRIC GOODS AND LIGHT.

1	13	15	28	50	52	25,250	11,250	8,200	4,000	12,200	35	411	446
2	32	2	34	45	52	12,800	2,000	.....	.....	.....	70	.....	70
3	9	1	10	15	36	12,439	1,425	2,950	1,530	4,480	.....	68	68
4	20	.....	20	2	52	19,000	7,000	10,000	.....	10,000	.....	.....	.....
Totals	74	18	92	112	.....	69,489	21,675	21,150	5,530	26,680	105	479	584

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ST. LOUIS CITY—Continued.

FURNITURE FACTORIES.

No. of establishment	No. of employes. Males	No. of employes. Fem.	Total No of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	11	.....	11	10	52	$13,285	$5,583	$5,020	.....	$5,020	$106	$184	$290
2	35	.....	35	37	46	50,000	16,000	25,500	$2,500	28,000	50	450	500
3	19	1	20	.....	52	50,000	15,000	13,198	1,000	14,198	220	700	920
4	42	.....	42	60	27	23,898	8,000	8,200	1,000	9,200	.....	1,006	1,006
5	19	.....	19	.....	50	30,000	21,000	6,000	1,500	7,500	50	160	210
6	60	.....	60	50	49	60,000	24,000	27,000	4,200	31,200	511	832	1,343
7	45	.....	45	55	50	50,000	3,000	20,000	.....	20,000	98	360	458
8	33	.....	33	26	49	38,000	14,000	19,000	.....	19,000	50	430	480
9	80	.....	80	55	50	70,500	20,000	40,310	1,575	41,885	506	1,385	1,891
10	50	.....	50	40	50	81,000	30,000	20,000	18,000	38,000	300	900	1,200
11	36	.....	36	60	50	44,000	21,000	15,450	.....	15,450	300	580	880
12	80	30	110	100	48	120,000	15,000	39,000	.....	39,000	1,700	.....	1,700
13	250	75	325	200	52	236,909	45,000	.....	125,000	125,000	1,038	3,000	4,038
14	230	30	260	200	50	215,000	96,700	84,000	14,000	98,000	1,500	3,500	5,000
15	14	.....	14	8	50	24,000	6,000	9,100	.....	9,100	.....	.....	.....
16	12	.....	12	40	40	18,000	9,900	6,000	7,800	13,800	3	125	128
17	60	.....	60	40	46	64,000	26,000	26,600	1,400	28,000	500	600	1,100
18	65	.....	65	165	51	140,000	60,000	50,000	10,000	60,000	595	1,450	2,045
19	95	5	100	20	52	140,000	50,000	60,000	2,000	62,000	350	200	550
20	50	.....	50	35	52	70,000	30,000	25,000	450	25,450	300	700	1,000
21	65	.....	65	45	51	78,000	27,500	36,400	900	37,300	640	1,100	1,740
22	50	.....	50	75	52	60,000	14,000	39,000	416	39,416	350	602	952
23	40	.....	40	80	52	36,000	13,400	16,500	1,250	17,750	250	.....	250
24	80	.....	80	50	49	120,000	29,000	36,000	.....	36,000	315	1,902	2,217
25	85	.....	85	65	50	118,000	58,000	38,000	6,000	44,000	720	1,000	1,720
Totals	1,606	141	1,747	1,586		1,950,592	658,083	665,278	198,991	864,269	10,454	21,167	31,621

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FLOUR MILLS.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	23	.....	23	300	34	$468,762	$430,555	$9,850	$5,400	$15,250	$672	$3,525	$4,197
2	40	.....	40	200	40	608,500	513,000	19,200	2,500	21,700	1,000	2,500	3,500
3	10	.....	10	150	40	152,000	128,250	4,800	1,000	5,800	300	1,200	1,500
4	35	.....	35	500	40	790,920	666,900	16,800	5,000	21,800	2,500	2,500	5,000
5	10	.....	10	110	40	380,250	310,625	6,000	1,500	7,500	400	1,750	2,150
6	20	.....	20	250	40	557,700	470,250	14,400	3,000	17,400	800	2,500	3,300
7	35	.....	35	400	35	856,800	688,500	16,537	5,000	21,537	1,500	2,500	4,000
8	47	2	49	500	52	1,253,268	1,026,077	26,182	10,560	36,742	1,341	3,293	4,634
9	48	.....	48	600	.....	1,360,869	1,123,000	30,200	12,000	42,200	2,000	3,000	5,000
Totals	268	2	270	3,010	.....	6,429,070	5,357,158	143,969	45,960	189,929	10,513	22,768	33,281

GLASS.

1	23	.....	23	5	52	45,133	20,016	18,846	7,900	26,746	92	156	248
2	5	.....	5	.....	52	16,000	8,000	2,800	.....	2,800	109	64	173
3	9	.....	9	4	52	7,188	3,136	1,943	1,800	3,743	11	12	23
4	250	.....	250	125	52	325,810	178,986	96,196	18,200	114,396	1,034	2,461	3,496
5	85	.....	85	.....	40	100,000	45,000	50,000	500	50,500	500	750	1,250
6	42	.....	42	.....	38	65,000	19,000	37,720	5,700	43,420	474	806	1,280
7	21	5	26	12	40	46,000	23,500	9,500	2,500	12,000	95	255	350
8	560	.....	560	2,700	52	887,056	323,296	239,528	66,172	305,700	3,031	8,438	11,469
Totals	995	5	1,000	2,846	.....	1,492,188	620,934	456,534	102,772	559,306	5,348	12,944	18,292

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ST. LOUIS CITY—Continued.

GROCERS' SUNDRIES.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes.	Am't paid for Insurance.	Total paid for taxes and insurance
1	5	1	6	15	52	$36,000	$25,000	$3,500	$3,000	$6,500	$250	$250	$500
2	2	1	3	.....	20	9,000	6,000	150	.....	150	18	30	48
3	18	13	31	.....	52	30,000	18,000	6,000	9,000	15,000	133	200	333
4	2	2	4	1	52	14,600	8,420	1,350	.....	1,350	11	27	39
5	39	30	69	15	50	125,000	65,000	25,298	2,700	27,998	294	620	914
6	7	2	9	.....	52	36,000	11,000	2,136	5,000	7,136	60	50	110
7	4	3	7	4	48	10,000	4,000	750	4,000	4,750	43	.....	43
8	10	1	11	4	50	15,000	1,300	6,000	.....	6,000	52	40	92
9	10	2	12	9	52	40,000	18,000	1,575	2,700	4,275	40	135	175
10	50	.....	50	700	40	1,080,000	900,000	24,000	5,000	29,000	250	1,000	1,250
11	40	.....	40	65	40	137,500	90,000	17,760	1,500	19,260	300	600	900
12	51	6	57	150	50	438,000	398,295	25,000	1,500	26,500	1,128	2,740	3,868
13	100	75	175	75	52	500,000	350,000	32,000	35,000	67,000	1,500	2,000	3,500
14	12	30	42	30	52	100,947	64,008	11,792	4,398	16,190	217	300	517
15	8	.....	8	3	50	8,500	4,000	3,600	.....	3,600	30	26	56
16	37	38	75	.....	52	200,000	85,000	17,977	35,400	53,377	389	1,612	2,001
17	11	11	22	35	52	120,000	85,000	6,816	14,198	21,014	170	500	670
Totals	406	215	621	1,106	.....	2,900,547	2,133,023	185,704	123,396	309,100	4,887	10,131	15,019

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HARNESS, COLLARS AND SADDLES.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes.	Am't paid for Insurance.	Total paid for taxes and insurance
1	5	.....	5	.....	52	$3,630	$1,000	$3,200	.....	$3,200	$34	$25	$59
2	100	1	101	30	52	300,000	240,000	46,000	.....	46,000	1,700	1,200	2,900
3	100	1	101	20	52	140,000	75,000	25,000	$15,000	40,000	275	1,000	1,275
4	50	.....	50	3	52	155,000	100,000	30,000	11,000	41,000	376	650	1,026
5	7	.....	7	.....	52	14,000	8,000	4,000	.....	4,000	38	48	86
6	11	.....	11	.....	50	15,000	7,500	6,350	.....	6,350	178	75	253
7	65	.....	65	5	52	161,227	85,000	28,220	8,648	36,868	1,064	1,534	2,598
8	65	.....	65	5	50	103,684	68,981	34,395	14,400	48,795	321	725	1,046
9	16	1	17	.....	52	22,000	11,000	8,000	1,500	9,500	65	75	140
Totals	419	3	422	63	.....	914,541	596,481	185,165	50,548	235,713	4,051	5,332	9,383

ICE FACTORIES.

1	6	.....	6	80	20	14,000	3,360	1,200	.....	1,200	100	200	$300
2	20	.....	20	300	52	50,000	.....	6,560	2,440	9,000	.....	100	100
Totals	26	.....	26	380	.....	64,000	3,360	7,760	2,440	10,200	100	300	400

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ST. LOUIS CITY—Continued.

IRON GOODS.

No. of establishment	No. of employes. Males	No. of employes. Fem.	Total number of employes.	No. of horse-power	No. of weeks in operation	Value of goods manufactured	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	38	.....	38	50	52	$260,830	$234,750	$15,667	$7,200	$22,867	$239	$768	$1,007
2	10	.....	10	20	52	20,000	10,000	6,000	1,500	7,500	31	160	191
3	150	.....	150	125	52	204,000	175,000	68,000	40,000	108,000	1,800	3,300	5,100
4	14	.....	14	20	52	30,000	13,500	6,700	1,840	8,540	.....	64	64
5	18	1	19	.....	52	450,000	375,000	8,400	8,700	17,100	.....	902	902
6	40	.....	40	20	.....	48,000	10,000	14,400	9,600	24,000	.....	.....	.....
7	.....	.....	.....	60	51	95,000	60,000	.....	15,300	15,300	876	500	1,376
8	100	.....	100	40	52	116,252	40,341	45,105	3,960	49,065	464	579	1,043
9	70	.....	70	40	52	115,000	62,000	48,000	12,000	60,000	443	315	758
10	25	.....	25	10	52	40,000	10,000	18,000	.....	18,000	575	.....	575
11	180	.....	180	120	48	350,000	190,000	10,191	19,180	121,093	845	1,964	2,810
12	3	.....	3	10	52	9,120	4,337	2,106	.....	2,106	86	41	127
13	30	.....	30	30	52	70,000	50,000	10,000	4,000	14,000	175	180	355
14	80	.....	80	125	50	65,000	11,000	25,000	.....	25,000	381	300	681
15	88	.....	88	50	52	271,215	117,920	55,012	34,952	89,965	1,098	868	1,967
16	17	.....	17	20	52	50,000	16,000	11,400	600	12,000	140	60	200
17	90	.....	90	75	50	150,000	70,000	50,000	7,500	57,500	700	450	1,150
18	70	.....	70	100	52	500,000	350,000	30,000	5,000	35,000	1,100	2,100	3,200
19	196	1	197	95	52	441,424	149,011	122,166	23,640	145,806	1,463	2,886	4,349
20	25	.....	25	25	52	30,000	11,000	8,000	1,200	9,200	45	75	120
21	117	1	118	200	51	196,467	91,729	50,411	9,100	59,511	377	668	1,045
Totals	1,361	3	1,364	1,235	....	3,512,309	2,051,589	696,282	205,272	901,555	10,842	16,183	27,025

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LARD, SOAP ETC.

No. of establishment....	No. of employes.		Total number of employes	No. of horse power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material.....	Amount paid during past year for		Total paid for wages and salaries	Am't paid for		Total paid for taxes and insurance.....
	Males.	Fem.						Wages.	Salaries		Taxes.	Insurance.	
1.....	275	100	375	1,200	52	$2,202,000	$1,882,000	$112,614	$65,565	$178,179	$4,000	$10,854	$14,851
2.....	35	3	38	.....	52	236,500	201,000	15,000	900	15,900	1,200	3,900	5,100
3.....	34	.....	34	200	52	160,600	118,890	21,600	.....	21,600	978	278	1,257
4.....	16	.....	16	15	50	52 000	29,000	5,000	6,000	11,000	120	163	283
5.....	30	.....	30	25	52	146,500	105,000	15,000	9,000	24,000	200	800	1,000
6.....	6	.....	6	18	50	25,000	9,675	3,500	1,200	4,700	124	212	336
Totals.	396	103	499	1,458	.....	2,822,600	2,345 565	172,714	82,665	255,379	6,623	16,207	22,830

MARBLE AND GRANITE GOODS.

1.....	4	.....	4	.....	52	5,000	1,500	2,000	.....	2,000	120	35	155
2.....	125	.....	125	75	50	250,000	160,000	70,000	10,000	80,000	400	600	1,000
3.....	6	.....	6	1	51	11,000	2,050	4,800	.....	4,800	14	26	40
4.....	7	.....	7	.....	52	17,000	5,000	5,200	.....	5,200	76	7	83
5.....	48	.....	48	.....	52	104,709	62,946	16,462	.....	16,462	.....	.....	.....
6	60	.....	60	150	40	40,000	.....	21,600	3,000	24,600	100	.....	100
Totals.	250	.....	250	226	.....	427,709	231,496	120,062	13,000	133,062	710	668	1,378

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ST. LOUIS CITY—Continued.

MACHINE, SHOPS AND FOUNDRIES.

No. of establishment	No. of employes.		Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Am't paid for		Total paid for taxes and insurance
	Males.	Fem.						Wages.	Salaries.		Taxes.	Insurance.	
1	25	.....	25	18	50	$27,000	$12,200	$9,250	$1,200	$10,450	$142	$160	$302
2	70	.....	70	25	52	93,000	39,000	33,641	.....	33,641	311	230	541
3	50	.....	50	40	36	60,000	20,000	18,000	2,000	20,000	350	150	500
4	88	28	116	.....	52	110,000	29,000	50,400	6,000	56,400	676	1,650	2,326
5	100	.....	100	75	52	98,500	43,000	40,340	2,500	42,840	400	600	1,000
6	55	.....	55	30	52	82,000	41,200	27,500	1,800	29,300	269	370	639
7	100	.....	100	50	52	130,000	60,000	60,000	.....	60,000	700	800	1,500
8	1	.....	1	.....	52	4,000	2,000	624	.....	624	6	.....	6
9	27	.....	27	12	52	45,609	18,312	21,178	.....	21,178	514	.....	514
10	125	.....	125	50	52	200,000	75,000	62,000	6,000	68,000	419	759	1,178
11	125	.....	125	100	50	150,000	40,000	84,000	6,500	90,500	1,831	881	2,713
12	30	.....	30	12	52	37,400	5,800	18,500	4,000	22,500	120	160	280
13	20	1	21	4	52	20,000	3,600	11,546	.....	11,546	52	115	168
14	14	.....	14	30	52	18,500	8,000	7,000	.....	7,000	50	200	250
15	13	.....	13	6	52	58,300	48,000	6,619	.....	6,619	.....	.....	.....
16	18	.....	18	25	52	300,000	260,000	9,000	6,100	15,100	450	325	775
17	150	.....	150	100	52	200,000	75,000	85,000	.....	85,000	624	1,200	1,824
18	150	.....	150	150	52	155,000	34,000	90,000	10,000	100,000	600	600	1,200
19	5	.....	5	5	52	16,000	6,400	2,600	2,400	5,000	18	63	81
20	20	.....	20	10	52	26,000	8,400	15,000	1,500	16,500	50	150	200
21	175	.....	175	100	52	206,702	75,144	88,903	6,000	94,903	1,018	1,187	2,205
22	450	.....	450	750	50	920,000	580,000	250,000	40,000	290,000	4,000	2,500	6,500
23	30	.....	30	15	52	50,000	23,000	15,120	3,000	18,120	75	110	185
24	27	.....	27	12	52	43,325	23,720	12,988	900	13,888	.....	183	183
25	60	.....	60	14	52	100,000	40,000	37,000	3,000	40,000	370	870	1,240
Totals	1,928	29	1,957	1,633		3,151,037	1,570,776	1,056,211	102,900	1,159,111	13,049	13,264	26,313

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MALT.

No. of establishment...	No. of employes. Males.	No. of employes. Fem.	Total number of employes	No. of horse power.....	No. of weeks in operation	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for Wages.	Amount paid during past year for Salaries	Total paid for wages and salaries.....	Am't paid for Taxes.	Am't paid for Insurance.	Total paid for taxes and insurance.....
1.....	4	.....	4	7	28	$27,200	$20,100	$2,200	....	$2,200	$367	$380	$747
2.....	15	.....	15	35	40	130,000	95,000	10,000	$5,000	15,000	1,400	1,000	2,400
3.....	12	.....	12	40	40	155,000	100,000	9,200	21,000	30,200	1,122	2,500	3,622
4..... ...	20	.....	20	20	25	70,000	55,000	6,300	3,000	9,300	596	1,200	1,796
Totals..	51	.....	51	102		382,200	270,100	27,700	29,000	56,700	3,485	5,080	8,565

MATTRESS FACTORIES.

1.....	16	6	22	45	52	60,000	50,000	6,750	.. ..	6,750	.....	400	400
2.....	15	4	19	11	.....	52,000	15,800	12,000	1,200	13,200	.100	200	300
3.... ..	16	6	22	.....	52	26,000	3,800	8,000	2,400	10,400	1,200	100	1,300
Totals.	47	16	63	56	.....	138,000	69,100	26,750	3,600	30,350	1,300	700	2,000

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ST. LOUIS—Continued.

MEDICINES, PROPRIETARY AND FAMILY.

No. of establishment	No. of employes.		Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amout paid during past year for		Total paid for wages and salaries	Am't paid for		Total paid for taxes and insurance
	Males.	Fem.						Wages.	Salaries.		Taxes.	Insurance.	
1	15	12	27	.....	47	$ 99,000	$61,000	$6,000	$22,000	$28,000	.....	$13,500	$13,500
2	16	.....	16	2	52	25,000	900	6,200	.....	6,200	$80	140	220
3	18	.....	18	.....	52	30,000	36,550	8,841	.....	8,441	50	146	196
4	12	5	17	.....	52	160,000	64,000	4,000	13,000	17,000	390	80	470
5	15	35	50	8	52	100,000	50,000	19,600	.....	19,600	.....	.....	.....
6	2	4	6	.....	52	48,000	32,000	1,800	3,000	4,800	65	35	100
7	1	.....	1	.....	52	4,000	1,500	500	.....	500	.....	7	7
8	23	10	33	12	52	191,925	137,895	20,000	8,000	28,000	226	742	968
9	40	29	69	25	52	621,530	221,978	18,000	19,960	37,960	327	500	827
Totals	142	95	237	47	.....	1,279,456	605,823	84,541	65,960	150,501	1,138	15,151	16,290

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MISCELLANEOUS.

No. of establishment	No. of employes.		Total number of employes.	No. of horse-power	No. of weeks in operation.	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Am't paid for		Total paid for taxes and insurance
	Males.	Fem.						Wages.	Salaries.		Taxes.	Insurance.	
1	60	140	200	150	45	$192,500	$106,500	$67,969	.....	$67,969	$2,211	$1,225	$3,437
2	10	84	94	7	52	87,500	42,000	21,170	$4,320	25,490	138	276	414
3	3	90	93	100	52	65,000	27,000	14,000	6,800	20,800	.....	180	180
4	8	.....	8	3	52	14,827	3,345	3,159	2,892	6,052	28	60	88
5	14	.....	14	25	52	24,000	3,600	5,200	2,400	7,600	100	300	400
6	50	.....	50	150	52	175 000	95,000	45,000	15,000	60,000	275	1,000	1,275
7	99	1	100	115	52	150,000	75,000	36,894	20,516	57,410	484	.....	484
8	10	5	15	.....	52	18,000	4,500	9,659	600	10,259	30	150	180
9	40	.....	40	25	50	45,000	15,000	20,000	4,000	24,000	180	270	450
10	100	.....	100	60	52	280,000	95,000	80,000	20,000	100,000	500	2,000	2,500
11	7	8	15	.....	52	14,000	2,000	3,500	4,500	8,000	15	85	100
12	60	.....	60	10	52	75,000	34,000	6,200	2,100	8,300	.....	494	494
13	12	.....	12	15	.....	24,000	11,000	3,560	1,440	5,000	30	115	145
14	225	25	250	400	50	350,000	170,000	115,000	30,000	145,000	1,800	2,000	3,800
15	7	.....	7	12	.....	7,000	1,000	3,024	2,000	5,024	.....	52	52
16	10	.....	10	25	48	20,000	.....	6,000	.....	6,000	57	100	157
17	15	.....	15	4	51	30,000	15,000	6,000	4,000	10,000	34	60	94
18	46	9	55	50	52	93 874	34,200	34,400	7,525	41,925	513	700	1,213
19	226	.....	226	55	48	598,000	360,000	152,694	37,374	190,068	1,481	2,203	3,684
20	225	.....	225	900	49	600,000	287,568	149,950	13,156	163,106	4,771	2,365	7,136
21	2	.....	2	1	52	10,438	6,000	1,430	.....	1,430	17	32	50
22	10	.....	10	10	52	18,000	12,000	2,000	15	2,015	46	94	140
23	3	.....	3	.....	52	3,000	.....	.....	1,500	1,500	6	5	12
24	23	.....	23	.....	52	140,000	80,000	13,159	18,569	31,729	216	141	358
25	35	15	50	.....	44	50,000	25,000	18,000	3,600	21,600	250	500	750
26	110	59	169	150	52	431,000	380,500	90,000	.....	90,000	600	3,400	4,000
27	8	.....	8	50	51	18,000	1,500	3,360	1,000	4,360	.....	80	80
28	8	.....	8	30	52	13,500	4,300	3,200	2,500	5,700	20	212	232
29	8	5	13	10	44	42,000	33,000	3,400	.....	3,400	115	75	190
30	.....	.....	.....	.....	52	1,500	600	.....	.....	.....	.....	.....	.....
31	100	.....	100	70	52	350,000	200,000	65,000	.....	65,000	600	1,900	2,500

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ST. LOUIS—Continued.

MISCELLANEOUS.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes.	Am't paid for Insurance.	Total paid for taxes and insurance
32	13	.....	13	3	52	7,200	6,000	3,422	3,094	6,516	.....	171	171
33	6	.....	6	.....	52	5,000	2,500	900	.....	900	15	.....	15
34	4	10	14	.....	40	10,000	4,000	3,000	.....	3,000	18	15	33
35	40	.....	40	90	48	52,001	15,000	18,558	6,000	24,558	142	289	431
36	6	.....	6	.....	52	13,000	2,650	4,128	.....	4,128	100	53	153
37	12	.....	12	10	48	75,703	.....	4,800	2,500	7,300	147	6,000	6,147
38	91	8	99	50	50	150,000	110,000	28,820	5,100	33,920	820	1,200	2,020
39	713	231	944	1,400	.....	1,898,000	923,000	402,000	118,700	520,700	8,500	16,000	24,500
40	40	.....	40	450	52	50,000	10,000	10,000	4,000	14,000	500	500	1,000
41	3	.....	3	2	40	2,500	1,000	1,400	.....	1,400	5	40	45
42	100	.....	100	40	52	205,000	107,000	42,000	20,000	62,000	2,800	2,000	4,800
43	25	.....	25	.....	52	35,000	15,000	16,600	4,000	20,600	88	130	218
44	20	.....	20	20	50	43,000	24,000	8,717	3,880	12,597	50	370	420
45	15	.....	15	.....	52	25,000	10,000	11,000	.....	11,000	200	.....	200
46	15	.....	15	75	52	38,000	24,000	9,360	1,500	10,860	198	800	998
47	114	.....	114	100	52	242,000	127,000	54,500	6,500	61,000	400	400	800
48	96	4	100	45	50	167,000	100,000	40,000	8,000	48,000	.....	1,000	1,000
49	10	.....	10	.....	36	21,000	3,500	4,540	.....	4,540	51	170	221
50	35	.....	35	45	52	76,000	44,000	18,200	5,600	23,800	134	210	344
51	5	.....	5	.....	.....	20,500	13,250	2,450	1,500	3,950	120	150	270
52	13	.....	13	25	52	25,000	15,000	4,500	1,800	6,300	97	250	347
53	75	.....	75	15	52	310,000	240,000	28,600	13,000	41,600	367	750	1,117
54	2	2	4	.....	40	25,000	18,000	3,000	.....	3,000	13	45	58
55	14	4	18	.....	.....	25,000	13,080	9,000	820	9,820	35	60	95
56	24	16	40	.....	50	30,000	10,000	12,000	3,000	15,000	50	220	270
57	55	14	69	22	50	103,339	59,700	24,674	2,000	26,674	81	206	287
57½	26	.....	26	20	52	82,000	22,870	20,280	.....	20,280	700	200	900
58	25	.....	25	30	52	60,000	34,211	10,500	4,600	15,100	633	272	905
59	3	.....	3	.....	.....	5,000	500	2,000	.....	2,000	5	15	20
60	12	.....	12	.....	52	18,000	6,000	8,000	2,000	10,000	150	100	250

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61	12	.....	12	60	50	240,000	221,472	7,598	4,058	11,657	1,136	520	1,657
62	70	.....	70	350	47	272,108	226,420	36,966	2,500	39,466	776	1,417	2,193
63	30	.....	30	40	52	49,048	27,000	10,581	2,600	13,181	200	200	400
64	10	.....	10	60	52	65,000	45,000	5,500	9,000	14,500	600	1,000	1,600
65	325	2	327	800	49	1,307,500	1,011,200	210,000	20,000	230,000	1,904	2,100	4,004
66	7		7	35	51	30,000	10,000	2,236	2,080	4,316	128	160	288
Totals	3,600	732	4,332	6,214	.....	9,744,040	5,626,966	2,062,764	463,641	2,526,406	35,691	57,095	92,784

PAINT, OIL AND WHITE LEAD MANUFACTORIES.

1	30	.....	30	150	45	650,000	575,000	29,700	10,000	39,700	3,490	7,805	11,295
2	15	.....	15	40	49	96,900	48,900	7,500	12,000	19,500	270	375	645
3	50	.....	50	175	12	762,135	422,456	35,992	24,894	60,887	2,843	2,396	5,240
4	13	2	15	25	52	81,000	61,000	8,700	9,500	18,200	156	450	606
5	90	1	91	575	40	423,340	312,750	42,900	17,200	60,100	2,368	5,800	8,168
6	75	.....	75	1,200	48	1,618,727	800,565	47,000	21,000	68,000	6,000	5,400	11,400
7	75	.....	75	200	48	570,000	436,000	41,000	15,000	56,000	2,329	3,400	5,729
8	15	.....	15	25	48	120,200	85,000	8,300	4,000	12,300	340	1,930	2,270
9	20	.....	20	150	40	36,000	15,000	7,500	5,500	13,000	75	400	475
10	24	.....	24	70	52	114,947	104,881	10,066	.....	10,066	320	165	485
11	10	2	12	40	52	35,000	21,000	6,000	4,000	10,000	50	125	175
Totals	417	5	422	2,650	.....	4,508,250	2,882,552	244,658	123,094	367,753	18,243	28,246	46,489

PORK-PACKERS AND PROVISIONS.

1	6	.....	6	.....	52	150,000	130,000	4,000	2,000	6,000	250	300	550
2	25	.....	25	20	30	120,000	100,000	10,000	3,000	13,000	600	.....	600
3	40	10	50	80	52	65,000	54,000	7,500	.....	7,500	510	400	910
4	30	.....	30	.....	52	1,100,000	1,020,000	20,000	2,500	22,500	2,500	1,500	4,000
5	9	.....	9	18	52	175,157	133,157	5,442	.....	5,442	220	326	547
6	34	1	35	100	52	390,000	360,000	12,080	9,600	21,680	534	326	860
Totals	144	11	155	218	.....	2,000,157	1,797,157	59,022	17,100	76,122	4,615	2,852	7,467

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ST. LOUIS—Continued.

PLANING MILLS.

No. of establishment	No. of employes. Males.	No. of employes. Fem.	Total No. of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Am't paid for Taxes.	Am't paid for Insurance.	Total paid for taxes and insurance
1	5	.....	5	30	45	$9,000	$3,000	$2,400	$1,800	$4,200	$80	$250	$330
2	90	.....	90	100	50	150,000	60,850	58,144	12,500	70,644	1,296	3,785	5,082
3	80	.....	80	100	50	150,000	60,000	50,000	.....	50,000	300	2,300	2,600
4	100	.....	100	150	50	124,000	52,000	55,250	4,200	59,450	865	2,680	3,545
5	30	.....	30	75	39	50,000	19,000	23,000	.....	23,000	198	600	798
6	70	.....	70	250	52	123,680	73,800	42,308	6,270	48,578	118	2,155	2,274
7	95	.....	95	150	50	355,000	290,000	65,000	.....	65,000	700	4,000	4,700
8	70	.....	70	100	51	115,000	42,000	45,401	10,475	55,876	799	2,017	2,816
9	32	.....	32	.....	52	44,520	22,260	14,972	628	15,600	147	497	644
10	150	.....	150	100	50	200,000	125,000	75,000	.....	75,000	500	1,500	2,000
11	30	.....	30	50	50	40,000	18,000	15,000	4,000	19,000	500	600	1,100
12	30	.....	30	26	50	50,000	20,000	15,000	1,200	16,200	12	300	312
13	55	.....	55	65	45	45,000	15,000	21,500	2,000	23,500	100	1,000	1,100
14	100	.....	100	125	52	235,000	130,000	70,000	5,000	75,000	600	2,000	2,600
15	25	.....	25	150	46	360,000	337,500	10,350	.....	10,350	41	630	671
Totals	962	.....	962	1,471	....	2,051,200	1,268,410	563,325	48,073	611,398	6,259	24,315	30,574

UPHOLSTERY.

1	50	8	58	.....	52	99,300	55,000	35,000	.....	35,000	600	800	1,400
2	12	.....	12	.....	50	16,800	9,716	4,525	1,320	5,845	.....	75	75
Totals	62	8	70	.....	102	116,100	64,716	39,525	1,320	40,845	600	875	1,475

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SHOW-CASES, MOULDINGS AND FRAMES.

No. of establishment	No. of employes.		Total number of employes	No. of horse power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Amount paid for		Total paid for taxes and insurance
	Males.	Fem.						Wages.	Salaries.		Taxes	Insurance.	
1	50	.....	50	50	52	$60,000	$25,000	$23,000	$4,500	$27,500	.....	$400	$400
2	4	.....	4	.....	52	7,500	3,600	1.700	.....	1,700	$13	15	29
3	75	.....	75	20	50	104,000	40,000	35.000	22,000	57,000	162	700	862
4	10	.....	10	12	52	25,000	3,500	4,000	.....	4,000	125	100	225
5	130	.....	130	75	51	140,000	45,560	70,699	3,450	74,149	.....	1,123	1,123
6	100	.....	100	100	52	150,000	50,000	80,000	.....	80,000	.....	.....	.....
7	20	.....	20	40	52	20,500	8,000	10,500	.....	10,500	200	300	500
8	25	.....	25	80	52	27,800	8,450	14,400	.....	14,400	180	240	420
9	8	.....	8	20	52	18,000	10,000	5,000	1,500	6,500	.....	150	150
Totals	422	.....	422	397	.....	552,800	194,110	244,299	31,450	275,749	681	3,028	3,709

STOVE MANUFACTURING COMPANIES.

1	45	.....	45	30	40	50,509	13,842	5,900	.....	5,900	383	645	1,028
2	409	.....	409	140	44	572,618	152,489	218,095	37,000	25,509	3,523	6,419	9,943
3	350	.....	350	.....	48	500,000	75,000	225.000	125.000	350,000	4,500	3,500	8,000
4	280	.....	280	150	.....	302,000	112.000	98.000	23.000	121,000	2,067	3,066	5,134
5	200	2	202	100	52	150,000	75,000	60,000	3,700	63.700	864	700	1,564
6	12	.....	12	12	52	20,400	5,000	9.560	.....	9,560	78	63	141
Totals	1,296	2	1,298	432	....	1,595,518	433,331	616,555	188,700	805,255	11,416	14,393	25,810

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ST. LOUIS—Continued.

TANNERIES.

No. of establishment	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse-power	No. of weeks in operation	Value of goods manufactur'd	Value of raw material	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance
1	20	.....	20	50	52	$45,000	$30,000	.....	.....	.....	.....	.....	.....
2	7	.....	7	25	52	19,000	13,450	$3,400	.....	$3,400	$75	$144	$219
3	2	.....	2	.....	52	4,000	1,840	1,040	.....	1,040	6	37	44
4	7	.....	7	4	52	7,440	2,340	3,110	.....	3,110	17	24	41
5	5	.....	5	4	52	5,545	1,340	2,530	.....	2,530	10	4	14
6	30	.....	30	50	52	56,000	34,000	17,000	$5,000	22,000	330	700	1,030
7	16	.....	16	50	50	51,000	35,000	9,000	3,000	12,000	263	.....	263
Totals	87	.....	87	183	.....	187,985	117,970	36,080	8,000	44,080	702	909	1,611

TOBACCO MANUFACTORIES.

1	18	12	30	25	52	75,000	23,500	16,000	.....	16,000	285	300	585
2	55	125	180	75	51	717,000	264,681	61,745	28,500	90,245	295,003	3,081	298,084
3	30	.....	30	50	46	101,892	37,000	10,770	7,595	18,365	23,900	450	24,350
4	262	438	700	350	50	2,538,407	1,960,000	237,267	110,000	347,267	4,500	8,647	13,147
5	190	212	402	.....	.....	899,963	651,002	72,309	35,572	107,881	257,117	1,200	258,317
6	6	27	33	25	51	116,277	29,602	6,270	15,728	21,998	38,337	446	38,784
7	643	680	1,323	600	47	8,222,677	5,113,258	663,585	48,000	711,585	1,813,820	16,181	1,830,001
8	125	75	200	250	49	336,337	126,386	41,204	38,420	79,625	100,847	2,364	103,212
Totals	1,329	1,569	2,898	1,375	.....	13,007,554	8,205,429	1,109,151	283,815	1,392,967	2,533,809	32,670	2,566,480

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TABLE SHOWING VALUE OF GOODS MANUFACTURED IN 577 ESTABLISHMENTS IN CITY OF ST. LOUIS.

No. of establishments	Kind of goods manufactured.	No. of employes. Male.	No. of employes. Fem.	Total No. of employes	No. of horse-power	Value of goods manufactured	Value of raw material	Amount paid out during year for Wages.	Amount paid out during year for Salaries	Total paid for wages and salaries	Amount paid out for Taxes.	Amount paid out for Insurance	Total paid for taxes and insurance
2.	Agricultural implements	137	.....	137	60	$261,167	$106,433	$75,119	$18,597	$93,716	$1,429	$2,489	$3,919
2.	Architectural iron works	200	.....	200	135	326,191	150,000	94,548	14,020	108,568	1,118	700	1,818
12.	Awnings and tents	39	105	144	496	321,000	214,000	47,320	4,000	51,320	350	705	1,055
5	Bags and bagging	182	426	608	379	2,881,000	2,363,000	198,192	70,600	268,792	4,915	14,353	19,268
3.	Bellows	10	.....	10	6	17,184	6,023	5,100	500	5,600	300	83	383
13.	Blank books, printing and lith.	804	357	1,161	324	1,233,467	316,035	531,907	113,850	645,757	3,200	9,529	12,730
2.	Bone-black	47	.....	47	270	133,823	89,436	20,900	2,400	23,300	620	1,400	2,020
5.	Boiler	484	1	485	287	711,240	374,170	250,404	10,600	261,004	3,204	1,725	4,930
19.	Boot and shoe	1,394	975	2,369	648	3,274,048	2,039,646	725,973	132,590	858,563	5,749	7,257	13,006
17	Box	529	332	861	820	983,236	492,018	275,103	17,400	292,503	2,737	6,513	9,250
5	Breweries	2,906	.....	2,906	9,900	11,039,705	3,685,958	1,664,000	177,797	1,841,797	1,856,012	48,788	1,904,800
9.	Brick	1,412	.....	1,412	2,384	1,556,174	108,925	684,199	81,561	765,760	11,075	7,800	18,875
6.	Brush	42	5	47	3	50,870	21,100	17,565	3,540	21,105	393	296	689
3.	Cabinet	37	.....	37	15	82,237	20,935	45,015	2,400	47,415	268	526	794
8.	Candy	363	356	719	132	1,624,160	1,051,424	241,770	91,246	333,016	3,707	4,777	8,484
6.	Car and car wheels	1,854	3	1,857	1,625	4,640,636	3,239,354	1,048,564	81,710	1,130,274	6,462	12,184	18,647
32.	Carriage, buggy and wagon	1,559	41	1,600	1,075	2,741,600	1,459,799	759,107	137,451	896,559	7,935	14,909	22,844
9.	Chemicals	349	69	418	657	1,559,197	920,225	178,566	47,776	226,342	4,811	12,064	16,875
72.	Cigars	544	44	588	.....	764,626	317,243	260,893	37,687	298,580	39,776	2,696	42,472
33.	Clothing	592	1,927	2,519	110	3,959,631	2,174,612	571,337	546,275	1,117,613	8,877	14,017	22,894
3.	Coffin	226	15	241	180	247,800	113,096	79,648	27,200	106,848	1,089	5,859	6,948
26	Cooperage	779	.....	779	662	1,181,383	623,130	305,730	28,800	334,530	4,820	7,817	12,637
4.	Electric	74	18	92	112	69,489	21,675	21,150	5,530	26,680	105	479	584
9	Flour	268	2	270	3,010	6,429,070	5,357,158	143,969	45,960	189,929	10,513	22,768	33,281
25.	Furniture	1,606	141	1,747	1,536	1,950,592	658,083	665,278	198,991	864,269	10,454	21,167	31,621
8	Glass	995	5	1,000	2,846	1,492,188	620,934	456,534	103,772	559,306	5,348	12,944	18,292
17	Grocers' sundries	406	215	621	1,106	2,900,547	2,133,023	185,704	123,396	309,100	4,887	10,131	15,019
9.	Harness, saddles and collars	419	3	422	63	914,541	596,481	185,165	50,548	235,713	4,051	5,332	9,383
2	Ice	26	.....	26	380	64,000	3,360	7,760	2,440	10,200	100	300	400
27.	Iron goods	1,361	3	1,364	1,235	3,512,309	2,051,589	696,282	205,273	901,555	10,842	16,183	27,025
6.	Lard and soap	396	103	499	1,458	2,822,600	2,345,565	172,714	82,665	255,379	6,623	16,207	22,830
25	Machinery and foundries	1,928	29	1,957	1,633	3,151,037	1,570,776	1,056,211	102,900	1,159,111	13,049	13,264	26,313
6.	Marble and granite	250	.....	250	226	427,709	231,496	120,062	13,000	133,062	710	668	1,378
4.	Malt	51	.....	51	102	382,200	270,100	27,700	29,000	56,700	3,485	5,080	8,565
3.	Mattress	47	16	63	56	138,000	69,100	26,750	3,600	30,350	1,300	700	2,000
9	Medicines	142	95	237	47	1,279,456	605,823	84,541	65,960	150,501	1,138	15,151	16,290
67	Miscellaneous	3,600	732	4,332	6,214	9,744,040	5,626,966	2,062,764	463,641	2,526,406	35,691	57,093	92,784
11.	Paints and oils	417	5	422	2,650	4,508,250	2,882,552	244,658	123,094	367,753	18,243	28,246	46,489
15.	Planing mills	962	.....	962	1,471	2,051,200	1,268,410	563,325	48,073	611,398	6,259	24,315	30,574
6.	Pork packers and prov. dealers	144	11	155	218	2,000,157	1,797,157	59,022	17,100	76,122	4,615	2,852	7,467
9.	Show-cases and mouldings	422	.....	422	397	552,600	194,110	244,299	31,450	275,749	681	3,028	3,709
6.	Stoves	1,296	2	1,298	433	1,595,518	433,331	616,555	188,700	805,285	11,416	14,393	25,810

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VALUE OF GOODS MANUFACTURED IN CITY OF ST. LOUIS—Continued.

No. of establishments	Kind of goods manufactured.	No. of employes.		Total No. of employes	No. of horse-power	Value of g'ds manufactured	Value of raw material	Amount paid out during year for		Total paid for wages and salaries	Amount paid out for		Total paid for taxes and insurance
		Male.	Fem					Wages.	Salaries.		Taxes.	Insurance.	
7.	Tanneries	87	.....	87	183	$187,985	$117,970	$36,080	$8,000	$44,080	$702	$909	$1,611
8	Tobacco	1,329	1,569	2,898	1,375	13,007,554	8,205,429	1,109,151	283,815	1,392,967	2,533,809	32,670	2,566,480
2.	Upholsterers	62	8	70	102	116,100	64,716	39,525	1,320	40,845	600	875	1,475
577.	establishments	30,778	7,612	38,390	47,020	98,887,742	57,012,373	16,906,171	3,845,231	20,751,403	4,653,480	481,255	5,134,735

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Table showing value of goods manufactured, etc., in 30 Breweries and Distilleries in 13 counties and city of St. Louis.

County.	No. of establishment....	No. of employes.		Total number of employes	No. of horse power.....	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for		Total paid for wages and salaries.....	Amount paid for		Total paid for taxes and insurance.....
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance.	
Buchanan	4	66	.....	66	370	$306,700	$141,347	$44,120	.....	$44,120	$17.533	$1,151	$18,684
Cape Girardeau..	1	2	.....	2	6	6,400	2,300	800	.....	800	54	42	96
Clay	3	9	.....	9	70	34,692	6,839	1,150	$1,200	2,350	18,775	200	18,975
Franklin.....	1	10	.....	10	125	48.000	20,000	6,240	1,200	7.440	6,500	600	7,100
Gasconade.....	1	8	.....	8	30	21,000	1,200	5,000	.....	5,000	127	400	527
Jackson	4	244	4	248	1,230	1,174,000	585,000	144,272	33,000	177.272	152,100	13,000	165,100
Jasper	1	15	.....	15	140	53,000	20,000	8,928	1,200	10,128	6,500	500	7,000
Lafayette.....	1	5	.....	5	14	13,000	5,000	1,950	.....	1,950	2,500	150	2,650
Marion.....	2	10	.....	10	125	52,500	27,000	5,400	.....	5,400	8,050	1,150	9,200
Pettis.....	1	10	.....	10	150	19,500	5,000	4,680	1,000	5,680	3,300	300	3,600
Platte	3	40	.....	40	190	111,024	21,850	9.804	4,500	14,304	19,390	325	19,715
St. Charles.....	2	8	.....	8	50	33,000	12,000	3,000	.....	3,000	.....	500	500
Cole	1	7	.....	7	44	32,500	18,000	2,700	.....	2,700	560	50	610
St. Louis city....	5	2,906	.....	2,906	9,900	11,039,705	3,685,958	1,664,000	177,797	1,841,797	1,856,012	48,788	1,904,800
Totals	30	3,540	4	3,344	12,444	12,945,021	4,551,494	1,902,044	219,897	2,121,941	2,091,401	67,156	2,158,557

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Table showing value of goods manufactured, etc., in 93 Brick, Sewer-pipe and Tiling Manufactories in 30 counties and city of St. Louis.

County.	No. of establishment....	No. of employes.		Total number of employes	No. of horse power.....	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for		Total paid for wages and salaries.....	Amount paid for		Total paid for taxes and insurance.....
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance.	
Atchison.....	1	20	.....	20	50	$6,450	$400	.....	$4,350	$4,350	$50	.....	$50
Audrain.....	3	143	.....	143	115	203,000	55,450	$42,825	6,950	49,775	145	$500	645
Bates.....	2	30	.....	30	.....	9,750	.....	5,400	.....	5,400	.....	.....	.....
Boone.....	1	25	.....	25	.....	8,400	.....	5,000	.....	5,000	25	.....	25
Buchanan	8	210	.....	210	.....	135,047	14,000	68,968	.....	68,968	624	200	824
Callaway	1	50	.....	50	40	35,000	.....	22,000	1,480	23,480	100	110	210
Cape Girardeau..	3	25	.....	25	.....	6,100	2,840	2,600	.....	2,600	17	.....	17
Carroll.....	3	19	.....	19	55	23,712	.....	3,980	.....	3,980	75	.....	75
Cass.....	1	25	.....	25	40	13,000	.....	7,000	1,000	8,000	40	.....	40
Chariton.....	1	18	.....	18	35	12,200	.....	5,248	.....	5,248	30	65	95
Clay	1	20	.....	20	.....	10,800	.....	2,880	.....	2,880	50	.....	50
Franklin.....	4	20	.....	20	.....	8.400	.....	3,600	.....	3,600	30	.....	30
Gentry	2	13	.....	13	45	9,872	200	2,196	.....	2,196	40	.....	40
Greene.....	4	50	.....	50	.....	18,150	.....	11,268	.....	11,268	50	.....	50
Grundy.....	1	10	.....	10	.....	6,500	1,450	2,000	.....	2,000	14	.....	14
Henry.....	4	135	.....	135	270	92,000	.....	42,792	4,400	47,192	955	300	1,255
Holt.....	4	27	.....	27	.....	22,700	3,580	3,008	.....	3,008	68	.....	68
Howard.....	3	38	.....	38	25	13,000	.....	5,665	.....	5,665	65	.....	65
Jackson.....	14	503	.....	503	1,105	384,000	.....	151,730	9,850	161,580	2,443	577	3,020
Jasper.	1	25	.....	25	50	18,000	.....	6,750	.....	6,750	200	.....	200
Jefferson.....	1	18	.....	18	.....	5,500	.....	3,888	.....	3,888	5	.....	5
Lafayette.....	6	84	.....	84	135	48,000	4,000	19,572	2,500	22,072	335	.....	335
Lawrence.....	1	20	.....	20	.....	6,500	.....	3,600	.....	3,600	.....	.....	.....
Marion	1	20	.....	20	25	13,000	.....	4,320	.....	4,320	5	.....	5
Nodaway	3	18	.....	18	.....	8,950	420	2,920	.....	2,920	20	.....	20
Randolph.....	2	50	.....	50	100	18,570	.....	10,150	2,060	12,210	20	103	123
Saline..	4	41	.....	41	58	28,200	.....	8,871	.....	8,871	115	.....	115
St. Charles.....	2	18	.....	18	40	11,000	2,100	2,900	1,500	4,400	275	150	425
Stoddard,.....	1	8	.....	8	.....	7,000	.....	2,304	.....	2,304	15	.....	15
Vernon	1	40	.....	40	25	16,500	.....	12,240	.....	12,240	75	.....	75
City of St. Louis.	9	1,412	.....	1,412	2,384	1,556,171	108,925	684,199	81,561	765,760	11,075	7,800	18,875
Totals	93	3,135	.....	3,135	4,597	2,752,875	193,365	1,149,874	115,651	1,265,525	16,961	9,805	26,766

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Table showing value of goods manufactured, etc., in 13 Canning Establishments in 12 counties of Missouri.

County.	No. of establishment....	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power....	Value of goods manufactur'd	Value of raw material...	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries....	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance...
Buchanan.....	1	15	25	40	70	$30,000	$20,000	$2,400	.....	$2,400	$50	$100	$150
Carroll.....	1	35	75	110	60	42,000	15,000	9,300	$1,000	10,300	50	100	150
Cass.....	1	50	50	100	40	114,000	90,000	5,985	2,000	7,985	60	150	210
Chariton.....	1	39	35	74	45	22,270	16,214	2,562	.....	2,562	.....	200	200
Clark.....	1	30	15	45	20	35,709	10,900	1,890	1,800	3,690	150	200	350
Harrison.....	1	20	25	45	52	11,270	2,040	1,600	750	2,350	38	300	338
Jasper.....	1	12	40	52	45	19,000	7,000	7,488	2,000	9,488	100	50	150
Johnson.....	1	11	35	46	15	9,000	5,000	2,085	.....	2,085	20	40	60
Lafayette.....	2	28	150	178	70	62,000	34,500	16,236	1,800	18,036	190	65	255
Lawrence.....	1	60	135	195	50	36,000	15,000	14,712	1,500	16,212	75	100	175
Ray.....	1	50	30	80	40	25,880	7,710	4,320	600	4,920	50	200	250
Saline.....	1	55	10	65	70	15,000	4,000	4,248	.....	4,248	75	50	125
Vernon.....	1	6	60	66	30	8,000	3,500	4,176	606	4,776	25	50	75
Totals.....	14	411	685	1,096	607	430,583	230,864	77,002	12,050	89,052	883	1,605	2,488

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County.	No. of establishment....	No. of employes. Males	No. of employes. Fem.	Total number of employes	No. of horse power.....	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries.....	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance.....
Adair	2	4	2	6	.....	$8,000	$2,100	$1,890	$660	$2,550	$875	$30	$905
Audrain	3	17	.....	17	.....	23,000	7,300	8,900	1,500	10,400	70	60	130
Barton	1	4	.....	4	.....	5,250	1,800	2,496	.....	2,496	465	10	475
Bates	2	12	.....	12	.....	21,000	7,000	7,488	900	8,388	1,835	35	1,870
Boone	1	5	....	5	.....	7,000	3,700	2,500	.....	2,500	650	18	668
Buchanan	5	33	5	38	2	48,752	21,336	16,750	1,650	18,400	3,998	121	4,119
Carroll	3	.....	.....	.....	.....	5,250	2,250	.....	.....	.....	168	30	198
Charlton	4	9	1	10	.....	15 300	6,600	3,807	.....	3,807	1,415	70	1,485
Clark	1	1	.....	1	.....	2,700	1,080	600	.....	600	96	10	106
Clinton	1	3	.....	3	.....	4,680	2,521	1,248	.....	1,248	486	.....	486
Cole	4	6	.....	6	6	10,000	3,775	2,850	.....	2,850	770	15	785
Cooper	4	3	.....	3	.....	9,400	3,120	1,872	.....	1,872	804	30	834
Dade	1	.....	.....	.....	.....	1,050	360	.....	.....	.....	96	10	106
Franklin	2	2	.....	2	.....	5,075	1,800	1,248	.....	1,248	456	15	471
Greene	5	17	....	17	.....	28,350	9,720	12,064	.....	12,064	2,486	45	2,531
Henry	4	10	.....	10	.....	19,775	6,200	6,240	.....	6,240	1,735	55	1,790
Jackson	48	58	8	66	.....	179,075	63,860	43,408	.....	43,408	15,542	650	16 192
Jasper	6	20	.....	20	.....	32,375	9,250	12,156	.....	12,156	2,875	105	2,980
Johnson	1	8	.....	8	.....	14,000	5,000	4,992	600	5,592	1,225	25	1,250
Knox	1	2	.....	2	.....	3,600	1,500	1,050	.....	1,050	366	20	386
Laclede	1	4	.....	4	.....	7,000	3,000	1,974	.....	1,974	615	15	630
Lawrence	4	3	.....	3	.....	14,450	7,150	1,440	.....	1,440	1,387	40	1,427
Lewis	1	1	.....	1	.....	3,750	1,500	450	.....	450	131	10	141
Linn	2	.....	.....	.....	.....	4,500	1,300	.....	.....	.....	475	40	515
Livingston	1	6	4	10	.....	11,000	4,500	3,600	.....	3,600	900	22	922
Macon	11	2	.....	2	.....	4,500	1,500	900	.....	900	475	25	500
Marion	1	63	35	98	.....	159,020	71,310	38,445	14,200	52,645	12,565	405	12,970
Monroe	2	5	.....	5	.....	8,250	2,700	1,725	.....	1,725	860	45	905
Nodaway	2	29	.....	29	.....	39,500	17,500	14,000	.....	14,000	.....	350	350
Pettis	8	52	2	54	.....	78,475	25,774	31,219	1,600	32,819	6,730	135	6,865
Phelps	1	4	.....	4	.....	7,000	3,000	1,872	.....	1,872	615	15	630
Pike	7	7	....	7	.....	16,100	6,540	4,050	.....	4,050	1,361	75	1,436

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Randolph	3	4	.....	4	.....	9,750	2,000	1,200	.....	1,200	550	35	585
St. Charles	3	8	.....	8	.....	50,000	4,500	38,500	.....	38,500	.....	350	350
Scotland	1	.....	.....	.....	.....	1,800	720	.....	.....	.....	66	.....	66
Shelby	1	2	.....	2	.....	4,500	1,500	1,030	520	1,550	475	25	500
Sullivan	1	6	.....	6	.....	6,600	2,600	2,250	.....	2,250	226	15	241
Vernon	1	6	.....	6	.....	8,750	8,000	3,744	6,000	9,744	775	25	800
City of St. Louis	72	544	44	588	.....	761,626	317,243	260,893	37,687	298,580	39,776	2,696	42,466
Totals	212	960	101	1061	8	1,643,203	637,609	538,871	65,297	604,168	104,395	5,677	110,066

Table showing value of goods manufactured, etc., in 53 Cooper Shops in 12 counties of Missouri and city of St. Louis.

Buchanan	3	71	.....	71	44	$117,970	$77,480	$23,733	.....	$23,733	$313	$570	$883
Butler	1	180	.....	180	350	275,000	100,000	60,000	$5,000	65,000	2,200	2,400	4,600
Cooper	1	15	.....	15	.....	30,000	14,000	11,500	.....	11,500	50	40	90
Cape Girardeau	4	33	.....	33	25	29,127	16,287	7,500	480	7,980	171	171	342
Clay	1	1	.....	1	.....	1,899	500	336	.....	336	10	.....	10
Dunklin	2	90	.....	90	75	83,000	31,500	32,000	2,500	34,500	40	.....	40
Greene	2	30	.....	30	25	123,250	92,500	14,340	1,000	15,340	206	400	606
Jackson	1	4	.....	4	.....	5,000	1,500	1,920	.....	1,920	10	15	25
Livingston	1	24	.....	24	60	22,500	10,980	6,720	.....	6,720	.....	.....	.....
Marion	5	28	.....	28	.....	48,593	22,700	11,235	.....	11,235	81	15	96
Pulaski	1	25	.....	25	30	12,000	.....	9,000	.....	9,000	25	.....	25
Stoddard	5	165	.....	165	245	106,000	23,000	60,300	1,800	62,100	320	300	620
City of St. Louis	26	779	.....	779	662	1,181,353	623,130	305,730	28,800	334,530	4,820	7,817	12,637
Totals	53	1,445	.....	1,445	1,516	2,035,692	1,013,577	544,314	39,580	583,894	8,246	11,728	19,974

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Table showing value of goods manufactured, etc., in 307 Flour and Grist mills of Missouri, by counties.

County.	No. of establishment...	No. of employes.		Total number of employes	No. of horse power.....	Value of goods manufactur'd	Value of raw material ...	Amount paid during past year for		Total paid for wages and salaries.....	Amount paid for		Total paid for taxes and insurance.....
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance.	
Adair	1	4	.....	4	80	$41,640	$32,000	$1,440	$1,500	$2,940	$175	$650	$825
Andrew	2	9	.....	9	135	82,125	55,050	4,300	.....	4,300	155	350	505
Atchison	1	3	.....	3	40	28,805	21,945	630	.....	630	30	.....	30
Audrain	1	10	.....	10	100	137,265	120,200	4,650	4,000	8,650	275	1,200	1,475
Barton	4	11	.....	11	170	160,972	130,587	5 506	.....	5,506	420	770	1,190
Bates	4	27	.....	27	270	158,159	123,671	7,410	1,000	8,410	195	500	695
Boone	4	20	.....	20	210	231,750	189,100	8,125	2,900	11,025	535	2,790	3,325
Buchanan	5	82	.....	82	554	1,154,168	1,010,146	48,067	4,600	52,667	3,685	7,882	11,567
Caldwell	2	9	.....	9	125	167,000	137,360	5,240	.....	5 240	450	900	1,350
Callaway	3	9	.....	9	150	80,450	74,250	3,525	.....	3,525	525	900	1,425
Cape Girardeau	7	55	.....	55	470	852,619	678,900	25,347	6 717	32,064	1,120	2,750	3,870
Carroll	6	21	...	21	304	305,675	252,436	9,180	.....	9,180	640	2,150	2,790
Cass	5	15	.....	15	220	126,488	100,684	3,744	1,000	4,744	400	900	1,300
Chariton	4	16	.....	16	220	182,412	125,420	3,850	1,200	5,050	340	1,600	1,940
Clark	1	3	.....	3	45	40,878	33,120	1,350	.....	1,350	150	.....	150
Clay	4	12	.....	12	255	174,395	146,070	4,500	2,000	6,500	515	1,145	1,660
Clinton	3	11	.....	11	185	133,352	51,565	2,770	3,100	5 870	340	850	1,190
Cole	1	40	.....	40	230	447,975	365,775	18,000	1 500	19,500	400	1,500	1,900
Cooper	6	31	.....	31	350	473,237	386,834	13,095	1,000	14,095	1,455	2,625	4,080
Crawford	3	9	.....	9	60	81,819	66,458	3,510	.....	3,510	175	.....	175
Dade	3	7	.....	7	110	108,042	87,103	2,556	.....	2,556	275	600	875
Daviess	4	15	.....	15	205	190,920	149,200	6,547	.....	6,547	225	625	850
DeKalb	2	9	.....	9	100	111,800	91,575	4,200	.....	4,200	260	525	785
Franklin	6	52	.....	52	391	523,493	425,150	24,831	.....	24,831	1,050	3,250	4,300
Gasconade	1	7	.....	7	125	100,000	90,000	3,601	.....	3,601	226	425	651
Gentry	4	16	.....	16	235	190,978	147,573	7,290	.....	7,295	110	479	589
Greene	8	54	.....	54	510	968,167	788,485	26,664	1,900	28,564	1,542	5,645	7,187
Grundy	2	11	.....	11	75	125,800	99,550	3,700	.....	3,700	250	460	710
Harrison	1	3	.....	3	40	43,095	31,860	750	.....	750	80	12	92
Henry	7	41	.....	41	330	386,721	314,854	12,528	.....	12,528	4,305	1,700	6,005
Holt	2	12	.....	12	121	129,550	83,150	6,040	3,200	9,240	212	490	702
Howard	2	14	.....	14	180	268,050	212,617	4,912	4,300	9,212	600	2,200	2,800

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Howell	2	7	.....	7	90	94,630	34,745	3,150	.....	3,150	180	360	540
Iron	1	4	.....	4	40	45,420	36,800	1,440	.....	1,440	75	160	235
Jackson	8	105	20	125	625	2,834,985	2,316,177	67,695	38,500	106,195	3,262	10,730	13,992
Jasper	10	80	.....	80	630	1,259,218	1,022,049	37,278	7,200	44,478	2,655	7,475	10,130
Jefferson	2	7	.....	7	85	103,124	83,972	3,008	.....	3,008	260	360	620
Johnson	6	26	.....	26	500	320,769	237,388	12,168	3,000	15,168	1,300	2,900	4,200
Knox	1	3	.....	3	40	43,191	35,265	1,350	1,000	2,350	150	600	750
Laclede	4	13	.....	13	125	153,461	124,974	4,428	.....	4,428	405	780	1,185
Lafayette	10	49	.....	49	655	853,733	657,574	22,644	13,080	35,724	2,200	4,400	6,600
Lawrence	9	56	.....	56	295	568,137	464,906	21,348	.....	21,348	975	4,250	5,225
Lewis	3	21	.....	21	200	160,105	125,752	6,489	2,000	8,489	175	1,000	1,175
Lincoln	4	7	.....	7	130	116,032	94,406	2,625	.....	2,625	305	1,100	1,405
Linn	6	21	.....	21	295	238,526	181,105	7,053	72	7,125	365	1,600	1,965
Livingston	2	14	.....	14	160	177,007	141,215	5,569	.....	5,569	185	200	385
Macon	4	14	.....	14	150	167,353	138,356	4,912	4,000	8,912	180	675	855
Madison	2	8	.....	8	120	174,842	142,721	3,276	.....	3,276	300	400	700
Marion	6	56	.....	56	450	1,441,082	1,170,740	28,140	4,800	32,940	1,205	3,620	4,825
Mercer	1	3	.....	3	90	28,520	25,300	1,500	.....	1,500	57	.....	57
Mississippi	1	17	.....	17	70	133,368	108,843	7,956	.....	7,956	.....	2,500	2,500
Moniteau	3	16	.....	16	160	155 155	126,007	5,523	.....	5,523	265	750	1,015
Monroe	7	15	.....	15	428	266,648	209,134	5,625	3,000	8,625	542	2,405	2,947
Montgomery	3	11	.....	11	180	162,565	120,475	4,550	600	5,150	310	6,000	6,310
Newton	7	30	.....	30	230	597,791	451,575	12,162	.....	12,162	830	2,490	3,320
Nodaway	7	25	.....	25	375	203,264	155,000	10,597	2,100	12,697	321	956	1,277
Pettis	6	24	.....	24	326	288,198	235,020	9,870	900	10,770	1,355	3,350	4,705
Phelps	2	12	.....	12	180	193,881	158,631	4,824	1,200	6,024	260	400	660
Pike	5	31	.....	31	330	590,336	479,302	13,200	8,900	22,100	1,225	4,950	6,175
Platte	3	21	.....	21	160	298,725	236,200	7,911	.....	7,911	85	570	655
Polk	5	11	.....	11	185	198,425	154,357	4,302	.....	4,302	450	250	700
Putnam	2	8	.....	8	90	70,427	58,295	3,000	.....	3,000	100	350	450
Ralls	2	4	.....	4	100	51,277	40,562	650	.....	650	150	700	850
Randolph	4	22	1	23	182	205,234	176,540	11,313	.....	11,313	255	850	1,105
Ray	4	15	.....	15	210	190,207	154,151	7,425	.....	7,425	475	1,140	1,615
St. Charles	5	26	.....	26	235	367,158	308,130	9,940	2,000	11,940	575	3,150	3,725
St. Clair	2	7	.....	7	85	77,130	61,950	2,964	.....	2,964	130	300	430
St. Francois	5	26	.....	26	260	295,551	241,161	10,842	.....	10,842	535	940	1,475
Saline	9	47	.....	47	620	778,771	604,037	22,575	9,500	32,075	1,710	6,100	7,810
Schuyler	4	9	.....	9	190	102,590	84,850	2,499	.....	2,499	220	1,000	1,220
Scotland	5	14	.....	14	210	120,825	100,544	4,910	.....	4,910	320	680	1,000
Shelby	5	14	.....	14	265	201,561	173,270	4,608	.....	4,608	235	1,075	1,310
Stoddard	1	6	.....	6	40	72,021	58,900	3,744	.....	3,744	150	1,500	1,650
Sullivan	4	14	.....	14	180	118,656	92,284	5,775	.....	5,775	180	750	930

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Table showing value of goods manufactured in Flour and Grist mills—Continued.

County.	No. of establishment....	No of employes.		Total number of employes	No. of horse-power	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for		Total paid for wages and salaries ...	Aounmt paid for		Total paid for taxes and insurance.....
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance.	
Vernon	2	15	.....	15	100	$128,782	$104,667	$6,894	.....	$6,894	$150	$550	$700
Warren	2	12	.....	12	135	169,606	138,931	6,000	.....	6,000	225	1,100	1,325
Washington.....	1	3	.....	3	40	38,756	31,630	1,404	.....	1,404	60	.....	60
Wayne.....	1	2	.....	2	35	38,713	31,631	782	.....	782	60	.....	60
Worth	2	6	.....	6	115	111,475	88,325	2,975	.....	2,975	175	320	495
St. Louis city....	9	268	2	270	3,010	6,429,070	5,357,158	143,969	45,960	189,929	10,513	22,768	33,281
Totals.....	307	1,865	23	1,888	20,001	29,644,101	23,997,693	850,725	187,729	1,038,454	57,210	154,377	212,587

Table showing value of goods manufactured, etc., in 20 Lime-Kilns in 9 counties of Missouri.

Cape Girardeau .	1	12	.....	12	1	$10,500	$7,500	$3,850	.....	$3,850	$50	.....	$50
Callaway.....	2	38	.....	38	24	40,775	8,000	11,608	$1,800	13,408	130	$235	365
Cooper.....	1	5	.....	5	.....	11,250	.....	2,340	.....	2,340	50	.....	50
Dade	2	69	.....	69	40	95,000	.....	33,960	1,200	35,160	500	.....	500
Greene.....	4	112	.....	112	50	182,500	.....	58,956	2,200	61,156	575	6	581
Jasper.....	3	46	.....	46	.....	56,000	.....	16,816	1,200	18,016	225	.....	225
Lawrence	2	38	.....	38	.....	33,000	16,500	6,840	.....	6,840	50	.....	50
Marion.....	3	115	.....	115	64	159,281	43,484	56,077	8,980	65,057	478	391	869
Pike.....	2	43	.....	43	70	42,970	.....	11,360	900	12,260	108	210	318
Totals.....	20	478	.....	478	249	631,276	75,484	201,807	16,280	218,087	2,166	842	3,008

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Table showing the value of goods manufactured, etc., in 121 Lumber Mills, Planing Mills and Saw Mills in 31 counties of Missouri and city of St. Louis.

Adair	1	4	....	4	14	$4,000	$1,500	$1,536	.....	$1,536	$15	.....	$15
Atchison	1	4	.....	4	20	3,000	1,500	120	.....	120	15	.....	15
Buchanan	1	4	.....	4	12	6,500	2,600	780	.....	780	10	.....	10
Butler	9	330	.....	330	363	346,000	126,000	122,862	$4,000	126,862	1,746	$2,000	3,746
Carroll	4	225	.....	225	300	138,000	115,000	81,000	.....	81,000	50	.....	50
Carter	6	85	.....	685	690	585,000	249,500	216,731	10,000	226,731	5,265	6,000	11,265
Dunklin	3	160	.....	160	140	200,000	105,000	55,380	1,000	56,380	285	200	485
Franklin	1	20	....	20	60	12,500	7,500	2,160	.....	2,160	.....	.....	.....
Greene	4	78	.....	78	165	179,000	112,000	45,312	900	46,212	770	840	1,610
Iron	13	126	.....	126	315	104,000	41,400	37,170	.....	37,170	130	.....	130
Jackson	8	356	....	356	475	930,000	636,000	129,564	62,000	191,564	2,605	9,300	11,905
Jefferson	2	13	.....	13	47	25,000	15,000	5,148	.....	5,148	60	120	180
Laclede	1	4	.....	4	25	6,250	3,750	1,872	.....	1,872	15	6	21
Lawrence	2	9	.....	9	40	11,800	7,350	2,916	.....	2,916	45	80	125
Lewis	2	88	12	100	300	183,500	88,608	41,775	7,700	49,475	850	2,360	3,210
Linn	1	4	.....	4	15	4,000	1,000	2,100	.....	2,100	25	100	125
Madison	2	28	.....	28	60	35,000	15,000	12,456	.....	12,456	60	.....	60
Marion	7	295	.....	295	1,090	605,000	413,000	80,630	8,000	88,630	5,987	7,970	13,957
Mississippi	2	210	.....	210	45	122,000	15,000	75,600	2,500	78,100	25	1,000	1,025
Newton	1	6	.....	6	20	9,125	7,000	1,620	.....	1,620	30	50	80
New Madrid	1	125	.....	125	100	100,000	30,000	50,625	.....	50,625	250	.....	250
Pettis	1	20	.....	20	50	25,000	8,000	12,480	900	13,380	150	150	300
Phelps	1	21	.....	21	60	31,400	20,000	5,163	.....	5,163	75	.....	75
Pike	1	10	.....	10	40	115,000	705,000	3,948	.....	3,948	100	200	300
Ray	1	6	.....	6	50	15,000	10,000	1,404	.....	1,404	.....	.....	.....
Ripley	5	130	.....	130	150	115,000	52,000	42,000	.....	42,000	560	.....	560
St. Clair	1	8	.....	8	50	6,250	3,750	1,560	.....	1,560	20	.....	20
Shannon	9	945	.....	945	600	560,000	168,500	74,350	7,500	297,850	3,250	5,000	8,250
Stoddard	8	200	....	200	245	180,000	75,000	74,250	.....	74,250	210	400	610
Sullivan	2	6	.....	6	60	17,000	13,450	1,904	.....	1,904	35	.....	35
Wayne	5	365	.....	365	620	320,000	150,000	116,820	2,500	119,320	4,000	850	4,850
City of St. Louis	15	962	.....	962	1,471	2,051,200	1,268,410	563,325	48,073	611,398	6,259	24,315	30,574
Totals	121	5,447	12	5,459	7,692	7,045,525	4,467,818	2,080,561	155,073	2,235,634	32,897	60,941	93,838

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Table showing value of goods manufactured, etc., in 69 Machine-shops and Foundries in 23 counties in Missouri and city of St. Louis.

County.	No. of establishment....	No. of employes.		Total No. of employes ..	No. of horse-power.....	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for		Total paid for wages and salaries	Amount paid for		Total paid for taxes and insurance.....
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance	
Adair.....	1	4	.....	4	110	$6,000	$1,500	$2,100	.....	$2,100	$50	$50	$100
Barton.....	1	3	.....	3	20	5,000	2,000	1,872	.....	1,872	20	15	35
Bates.....	1	6	.....	6	15	7,000	1,500	3,744	.....	3,744	50	.....	50
Buchanan.	1	24	.....	24	12	25,000	5,000	15,000	.....	15,000	.....	100	100
Carroll..... ..	2	12	.....	12	18	36,000	23,000	5 292	.....	5,292	150	45	195
Cooper.....	2	8	.....	8	30	16,000	6,000	6,240	.....	6,240	115	25	140
Franklin.....	1	1	.....	5	5	5,000	2,000	624	.....	624	35	.....	35
Gasconade..	1	28	9	37	20	3,500	800	1,800	.....	1,800	62	15	77
Greene..... ...	5	119	.....	119	206	195,000	66,000	78,312	4,000	82,312	585	700	1,285
Henry..... .	1	16	.....	16	14	15,000	3,500	8,736	.....	8,736	150	25	175
Jackson.....	7	50	.....	50	75	90,000	29,000	33,306	.....	33,306	260	125	385
Jasper.....	9	209	.....	209	224	379,000	181,500	131,352	2,500	133,852	1,135	715	1,850
Lafayette.....	1	1	.....	1	7	5,000	2,000	750	.....	750	40	.....	40
Lawrence..	1	3	.....	3	15	5,000	2,000	1,836	.....	1,836	10	.....	10
Macon.....	1	9	.....	9	10	10,000	4,000	3,645	.....	3,645	50	100	150
Marion.....	2	44	.....	44	79	67,500	24,000	23,400	.....	23,400	162	270	432
Newton.....	1	30	.....	30	20	50,000	20,000	18,720	1,000	19,720	25	25	50
Pettis.....	1	5	.....	5	15	6,000	1,500	3,120	.....	3,120	75	.....	75
Pike.....	1	5	.....	5	40	6,000	1,500	2 625	.....	2,625	100	25	125
Randolph	1	23	.....	23	100	30,000	10,000	10,000	3,000	13,000	275	200	475
Ray	1	2	.....	2	16	3,000	1,000	375	.....	375	10	.....	10
Schuyler.....	1	6	.....	6	15	8,000	3,000	2,700	.....	2,700	25	20	45
Vernon	1	20	.....	20	8	25,000	5,000	15,600	.....	15,600	100	.....	100
City of St. Louis.	25	1,928	29	1,957	1,633	3,151,037	1,570,776	1,056,211	102,900	1,159,111	13,049	13,264	26,313
Totals.....	69	2,556	38	2,594	2,707	4,149,037	1,966,576	1,427,360	113,400	1,540,840	16,533	15,719	32,252

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Table showing value of goods manufactured, etc., in 42 Marble Manufactories in 24 counties and city of St. Louis.

County.	No. of establishments.	No. of employes. Males	No. of employes. Fem	Total No. of employes.	No. of horse power.	Value of goods manufactur'd	Value of raw material.	Amount paid during past year for Wages.	Amount paid during past year for Salaries.	Total paid for wages and salaries.	Amount paid for Taxes.	Amount paid for Insurance.	Total paid for taxes and insurance.
Andrew	1	5	.....	5	.....	$5,000	$1,200	$2,500	.....	$2,500	$60	$10	$70
Audrain	1	6	.....	6	.....	12,000	5,000	4,050	$2,500	6,550	40	25	65
Barton	1	2	.....	2	.....	5,000	2,500	1,248	.....	1,248	10	.....	10
Bates	1	6	.....	6	.....	12,000	4,000	3,306	2,000	5,306	75	.....	75
Boone	1	4	.....	4	.....	7,000	2,000	2,400	1,000	3,400	25	.....	25
Buchanan	3	12	.....	12	30	21,975	9,375	8,650	.....	8,650	255	440	695
Cole	1	.....	.....	.....	.....	5,000	3,000	.....	.....	.....	40	.....	40
Cooper	1	4	.....	4	.....	9,000	4,500	2,184	1,500	3,684	.....	.....	.....
Franklin	2	1	.....	1	.....	6,000	2,800	624	.....	624	20	.....	20
Gentry	1	8	.....	8	.....	6,450	2,375	2,100	1,300	3,400	35	50	85
Greene	2	4	.....	4	.....	8,000	4,000	2,496	.....	2,496	30	.....	30
Grundy	1	2	.....	2	.....	1,200	725	850	.....	850	24	30	54
Harrison	1	7	.....	7	.....	5,600	2,100	1,920	1,200	3,120	25	40	65
Jackson	2	15	.....	15	.....	41,000	20,000	11,390	3,500	14,890	40	20	60
Johnson	2	4	.....	4	.....	9,000	3,000	2,496	.....	2,496	25	.....	25
Knox	1	3	.....	3	.....	5,000	2,500	1,575	.....	1,575	10	.....	10
Lafayette	2	4	.....	4	.....	12,000	4,500	2,496	1,800	4,296	60	.....	60
Linn	1	.....	.....	.....	.....	2,500	1,000	.....	.....	.....	10	.....	10
Marion	2	2	.....	2	.....	4,500	1,500	960	.....	960	20	.....	20
Moniteau	1	2	.....	2	.....	6,000	3,000	624	.....	624	20	.....	20
Nodaway	2	12	.....	12	.....	14,000	6,000	3,620	1,750	5,370	20	15	35
Pettis	1	4	.....	4	.....	8,000	2,500	2,496	1,200	3,696	50	.....	50
Pike	4	9	.....	9	.....	19,000	8,000	3,375	600	3,975	30	.....	30
Saline	1	5	.....	5	.....	12,000	6,000	3,120	.....	3,120	200	250	450
City of St. Louis	6	250	.....	250	226	427,709	231,496	120,062	13,000	133,062	710	668	1,378
Totals	42	371	.....	371	256	665,534	333,071	184,542	31,350	215,892	1,834	1,548	3,382

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Table showing value of goods manufactured, etc., in 28 Printing Establishments in 4 counties in Missouri.

County.	No. of establishments	No. of employes		Total No. of employes	No. of horse-power	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Amount paid for		Total paid for taxes and insurance
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance.	
Greene	6	20	.....	20	.....	$33,600	$13,000	$10,998	.....	$10,998	$75	$100	$175
Jackson	14	284	39	323	152	459,200	170,000	193,593	$23,800	217,393	2,260	2,070	4,330
Marion	1	40	12	52	15	60,000	15,000	22,734	8,580	31,314	165	450	615
Pettis	7	38	8	46	30	49,000	5,000	22,869	6,000	28,869	505	290	795
Totals	28	382	59	441	197	601,800	203,000	250,194	38,380	288,574	3,005	2,910	5,915

Table showing value of goods manufactured, etc., in 14 Pottery Establishments in 8 counties of Missouri.

Cooper	2	12	.....	12	14	$16,000	$2,000	$5,544	$2,400	$7,944	$150	$25	$175
Franklin	1	.....	...	.....	.....	1,300	.....	.....	.....	.....	10	.....	10
Greene	1	10	....	10	.....	6,000	.....	4,200	.....	4,200	40	.....	40
Henry	6	109	.....	109	94	83,900	6,300	46,602	2,500	49,102	160	.....	160
Jackson	1	30	.....	30	25	12,000	.....	7,020	.....	7 020	1,000	300	1,300
Jasper	1	7	.....	7	.....	6,000	200	4,368	.....	4,368	40	.....	40
Moniteau	1	7	.....	7	.....	4,500	.....	2,520	.....	2,520	.....	.....	.....
Stoddard	1	3	.....	3	.....	3,500	500	1,404	.....	1,404	20	15	35
Totals	14	178	.....	178	133	132,200	9,000	71,668	4,900	76,568	1,420	340	1,760

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Table showing value of goods manufactured, etc., in 23 Tobacco Factories and Manufactoring Est. in 6 counties and city of St. Louis.

County.	No. of establishment...	No. of employes		Total number of employes.	No. of horse power. ...	Value of goods manufactur'd	Value of raw material....	Amount paid during past year for		Total paid for wages and salaries.....	Amount paid for		Total paid for taxes and insurance.....
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance.	
Chariton.....	3	89	10	99	56	$48,960	$18,509	$8,890	$3,300	$12,190	$6,050	$620	$6,670
Cooper...	1	24	.....	24	20	35,000	10,000	10,889	1,500	12,389	7,250	100	7,350
Greene.....	3	49	30	79	60	115,000	34,500	26,925	5,000	31 925	23,830	385	24,215
Jackson.....	3	48	8	56	24	102,260	48,649	24,444	5,800	30,244	9,200	430	9,630
Montgomery.....	2	151	95	246	65	446,000	211,000	46,880	28,100	74,980	137,588	810	138,348
Pike	3	157	121	278	187	589,690	249,356	51,562	46,171	97,733	982	1,725	2,707
St. Louiscity.....	8	1,139	1,357	2,496	1,375	13,007,554	8,205,429	1,109,151	283,815	1,392,967	2,276,692	32,670	2,309,363
Totals	23	1,657	1,621	3,278	1,787	14,344,464	8,777,434	1,278,741	373,686	1,652,428	2,461,542	36,740	2,498,283

Table showing value of goods manufactured, etc., in 13 Woolen Mills in 12 counties of Missouri.

Buchanan	1	81	37	118	175	$263,259	$163,728	$39,000	$7,789	$46,789	$1,285	$2,359	$3,644
Cass	1	22	6	28	60	60,000	30,000	10,590	4,000	14.590	300	150	450
Harrison	1	5	.....	5	40	9,884	5,720	787	.....	787	70	30	100
Jackson.....	1	18	11	29	50	53,848	30,000	9,348	2,500	11,848	400	600	1,000
Jasper	2	66	107	173	110	170,000	65,000	55,116	6,500	61,616	550	750	1,300
Mercer	1	6	2	8	100	36,720	28,390	5,232	.....	5,232	82	38	120
Moniteau	1	11	3	14	25	12,000	5,000	3,744	600	4,344	150	75	225
Monroe	1	13	2	15	25	15,000	7,500	2,772	.....	2,772	100	100	200
Pettis.....	1	9	5	14	30	20,000	10,000	3,276	2,000	5,276	150	60	210
Pike	1	6	.....	6	.....	7,000	3,600	1,080	.....	1,080	25	20	45
Polk	1	1	3	4	25	3,000	1,500	162	.....	162	25	15	40
Schuyler.....	1	4	.....	4	25	12,000	.....	3,960	.....	3,960	50	150	200
Totals	13	242	176	418	665	662,711	350,438	135,067	23,389	158,456	3,187	4,347	7,534

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Table showing value of goods manufactured, etc., in 100 Wagon and Carriage Factories in 39 counties and city of St. Louis.

County.	No. of establishment	No. of employes.		Total No. of employes	No. of horse-power	Value of goods manufactur'd	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Amount paid for		Total paid for taxes and insurance
		Males	Fem.					Wages.	Salaries.		Taxes.	Insurance.	
Adair	1	6	.....	6	20	$7,800	$3,000	$2,700	.....	$2,700	$25	$15	$40
Audrain	1	6	.....	6	.....	1,500	.....	.....	.....	.....	.....	.....	.....
Barton	1	5	.....	5	.....	7,000	2,000	3,120	.....	3,120	10	15	25
Boone	1	10	.....	10	40	14,000	5,368	6,000	.....	6,000	50	125	175
Buchanan	8	88	.....	88	20	116,450	34,010	37,940	.....	37,940	205	457	662
Caldwell	1	4	.....	4	.....	4,800	1,590	2,400	.....	2,400	50	.....	50
Cape Girardeau	2	2	.....	2	.....	2,061	1,060	600	.....	600	8	.....	8
Carroll	1	4	.....	4	.....	5,500	2,000	2,400	.....	2,400	20	.....	20
Cass	1	10	.....	10	18	10,000	3,500	3,900	.....	3,900	50	20	70
Cooper	2	15	.....	15	8	11,590	9,000	6,552	.....	6,552	90	50	140
DeKalb	1	3	.....	3	.....	1,900	1,550	1,200	.....	1,200	15	.....	15
Franklin	1	10	.....	10	.....	8,875	3,000	5,460	.....	5,460	40	20	60
Gentry	1	3	.....	3	10	2,750	1,000	1,350	.....	1,350	25	105	130
Greene	2	93	.....	93	200	246,500	156,000	48,672	$3,000	51,672	750	475	1,225
Grundy	1	9	.....	9	.....	13,500	4,965	4,800	.....	4,800	56	80	136
Harrison	2	21	.....	21	.....	18,105	8,788	7,825	.....	7,825	106	261	367
Henry	1	7	.....	7	.....	10,000	4,000	.....	.....	.....	38	.....	38
Jackson	5	53	.....	53	40	108,906	48,800	28,434	6,500	34,934	410	495	905
Jefferson	1	12	.....	12	.....	16,250	6,000	7,956	.....	7,956	100	50	150
Knox	4	21	.....	21	26	30,600	13,000	8,100	.....	8,100	150	130	280
Lafayette	1	8	.....	8	.....	17,500	8,000	6,240	.....	6,240	30	20	50
Lincoln	1	6	.....	6	.....	6,850	2,500	2,700	.....	2,700	125	75	200
Livingston	2	10	.....	10	.....	3,860	1,610	2,637	.....	2,637	50	45	95
Macon	1	20	.....	20	45	31,500	12,000	16,159	1,000	17,159	160	500	660
Marion	1	8	.....	8	12	8,000	2,000	5,200	.....	5,200	25	.....	25
Mercer	1	5	.....	5	.....	5,175	1,825	2,400	.....	2,400	.....	38	38
Moniteau	1	5	.....	5	.....	5,500	1,000	3,120	.....	3,120	.....	.....	.....
Newton	2	18	.....	18	55	35,000	19,500	8,593	.....	8,593	145	175	320
Nodaway	2	19	.....	19	.....	27,000	12,500	8,850	.....	8,850	185	95	280
Pettis	1	20	.....	20	8	31,250	.....	9,360	.....	9,360	150	100	250
Pike	3	11	.....	11	.....	19,825	8,000	4,657	.....	4,657	220	75	295
Randolph	1	25	.....	25	10	39,500	18,500	11,700	1,440	13,140	100	400	500

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Ray	1	7	.....	7	.....	10,110	3,000	5,040	.....	5,040	70	40	110
Scotland	3	23	.....	23	31	40,050	18,500	12,180	.....	12,180	180	170	350
Shelby	2	7	.....	7	5	16,700	4,500	3,675	.....	3,675	175	325	500
St. Francois	4	28	.....	28	25	32,750	9,900	13,044	.....	13,044	130	50	180
Sullivan	1	4	.....	4	.....	6,800	2,800	2,100	.....	2,100	25	25	50
Vernon	1	12	.....	12	.....	11,500	3,500	7,488	.....	7,488	50	20	70
Warren	1	8	.....	8	.....	11,000	4,500	3,000	.....	3,000	75	50	125
City of St. Louis	32	1,559	41	1,600	1,075	2,741,600	1,459,799	759,107	137,451	896,655	7,935	14,909	22,844
Totals	100	2,185	41	2,226	1,648	3,739,557	1,902,565	1,066,659	149,391	1,216,051	12,028	19,410	31,438

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Table showing value of goods manufactured, etc., in 1849 manufacturing establishments of Missouri.

Counties.	No. of establishments	No. of employes.		Total No. of employes	No. of horse-power	Value of goods manufactured	Value of raw material	Amount paid during past year for		Total paid for wages and salaries	Amount paid out for		Total paid for taxes and insurance
		Male.	Fem.					Wages.	Salaries		Taxes.	Insurance.	
Adair	8	34	2	36	594	$91,740	$45,100	$16,540	$3,160	$19,700	$1,440	$900	$2,340
Andrew	5	18	.....	18	135	89,460	57,592	6,914	.....	6,914	215	360	575
Atchison	4	29	.....	29	122	44,935	25,070	1,470	4,350	5,820	95	.....	95
Audrain	10	187	.....	187	275	583,765	187,950	60,425	14,950	75,375	530	2,585	3,115
Barton	11	45	12	57	340	198,389	144,137	17,070	.....	17,070	935	820	1,755
Bates	12	212	.....	212	335	489,704	276,771	98,973	13,900	112,873	3,155	1,335	4,490
Boone	9	97	15	112	260	270,150	202,168	24,175	3,900	28,075	1,275	2,953	4,228
Buchanan	81	1,862	1,186	3,048	2,648	7,000,125	4,915,115	1,094,788	86,820	1,181,608	40,629	29,439	70,068
Butler	12	686	14	700	913	646,000	229,500	199,086	10,500	209,586	3,146	4,400	8,546
Caldwell	5	23	.....	23	143	186,500	145,900	10,990	.....	10,990	610	975	1,585
Callaway	6	97	.....	97	214	156,225	82,250	37,133	3,280	40,413	755	1,245	2,000
Cape Girardeau	24	157	.....	157	587	935,581	719,447	48,270	7,798	56,068	1,716	3,050	4,766
Carroll	29	515	89	604	1,102	771,222	363,326	193,955	1,600	195,555	1,628	3,640	5,268
Carter	6	685	.....	685	690	555 000	249,500	216,731	10,000	226,731	5,265	6,000	11,265
Cass	10	130	50	180	378	328,488	224,184	33,523	8,000	41,523	850	1,220	2,070
Chariton	14	173	46	219	364	294,196	177,534	25,197	4,500	29,697	7,855	2 675	10,530
Clark	4	49	25	74	85	129,287	60,100	8,754	3.000	11,754	471	310	781
Clay	11	172	.....	172	1,025	609,686	395,209	77,866	16,700	94,566	20,750	4,045	24,795
Clinton	6	18	.....	18	203	143,512	57,374	4,583	3,100	7,683	841	850	1,691
Cole *	9	186	54	240	340	652,975	467,050	64,144	13,500	77,644	1,970	2,085	4 055
Cooper	22	124	.....	124	542	621,737	436,954	63,062	6,400	69,462	10 214	2,895	13,109
Crawford*	3	9	.....	9	60	81,819	66,458	3 510	.....	3,510	175	.....	175
Dade	7	78	.....	78	165	221,092	92,963	37,452	1,200	38,652	921	685	1,606
Daviess	5	21	.....	21	230	197,255	151,390	8,747	.....	8,747	255	625	880
DeKalb	6	22	.....	22	110	119,777	96,305	5,960	.....	5,960	309	535	844
Dunklin	5	250	.....	250	215	283,000	136,500	87,380	3,500	90,880	255	200	525
Franklin	27	241	4	245	730	811,843	513,050	90,359	14,300	104,659	8,911	4,155	13,066
Gasconade	4	68	9	77	179	153,500	101,500	16,401	6,500	22,901	645	877	1,522
Gentry	10	62	.....	62	320	229,400	156,648	25,921	1,300	27,221	225	809	1,064
Greene	53	760	55	815	1,718	2,269,249	1,310,005	391,813	27,000	418,813	33,154	9,496	42,690
Grundy	5	32	.....	32	75	147,600	106,690	11,350	.....	11,350	344	570	914
Harrison	7	62	25	87	132	92,954	51,508	13,482	1,950	15,432	349	684	1,033
Henry	24	321	.....	321	908	615,196	334 854	118,734	7,500	126 234	7,843	2,080	9,923
Holt	11	95	60	155	171	164,202	92,485	11 389	3,200	14,589	375	613	988
Howard	5	52	.....	52	205	281,050	212,617	10,577	4,300	14,877	665	2,200	2,865
Howell*	2	7	.....	7	90	94,650	84,745	3,150	.....	3,150	180	360	540
Iron	16	222	.....	222	555	271,920	78,201	105,810	3,000	108,810	310	160	470
Jackson	210	4,224	676	4,900	7,837	16,721,665	10,860 331	2,251,136	577,750	2,828,886	217,523	70,597	288,120
Jasper	53	737	177	914	2,609	3,227,402	2,058,799	417,366	38,100	455,466	18,645	11,760	30,405
Jefferson *	8	59	.....	59	307	154 774	104,972	21,400	400	21,800	450	570	1,020
Johnson	13	133	35	168	885	482,509	250,388	64,567	6,400	70,967	4,870	2,965	7,835
Knox	8	53	.....	53	86	80,891	57,265	13,035	1,000	14,035	726	775	1,501

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Laclede	7	23	.....	23	800	172,611	131,724	9,522	600	10,122	1,185	801	1,986
Lafayette	29	259	150	389	905	1,063,983	736,774	80,092	20,180	100,272	5,670	5,035	10,705
Lawrence	22	200	135	335	505	694,767	518,306	59,326	2,400	61,726	2,977	4,515	7,492
Lewis	6	110	12	122	500	347,355	215,860	48,714	9,700	58,414	1,156	3,370	4,526
Lincoln	5	13	.....	13	130	122,882	96,906	5,325	.....	5,325	430	1,175	1,605
Linn	14	32	.....	32	428	274,326	194,005	11,988	672	12,660	1,000	1,775	2,775
Livingston	11	88	4	92	283	261,617	168,753	33,275	.....	33,275	1,217	282	1,499
Macon	8	47	.....	47	215	215,903	157,356	26,066	5,000	31,066	885	1,340	2,225
Madison	5	336	.....	336	460	483,282	157,721	141,732	15,000	156,723	5,477	600	6,077
Marion	48	817	57	874	2,023	2,785,286	1,851,284	330,186	50,560	380,746	30,254	15,326	45,580
Mercer	3	14	2	16	100	36,720	28,330	5,232	.....	5,232	82	38	120
Mississippi	4	233	8	242	121	263,368	124,843	89,820	2,500	92,320	40	3,550	3,590
Moniteau	7	41	3	44	185	183,155	135,007	15,531	600	16,131	435	825	1,260
Monroe	11	85	2	87	493	302,493	229,234	10,722	3,000	13,722	1,552	2,700	4,252
Montgomery	7	209	95	304	295	643,958	341,475	67,180	28,700	95,880	137,908	7,145	145,053
New Madrid	1	125	.....	125	100	100,000	30,000	50,625	.....	50,625	250	.....	250
Newton	15	129	2	131	411	764,198	550,009	63,795	5,912	69,707	1,130	3,030	4,160
Nodaway	19	141	.....	141	587	322,044	210,420	41,257	5,350	46,607	656	1,476	2,132
Pettis	85	234	67	301	874	660,037	340,294	132,477	25,100	157,577	15,665	4,785	20,450
Phelps	4	37	.....	37	240	232,281	181,631	11,859	1,200	13,059	950	415	1,365
Pike	40	419	123	542	1,422	1,727,151	1,033,751	146,129	63,743	209,872	6,196	8,720	14,916
Platte	6	61	.....	61	350	409,749	258,050	17,715	4,500	22,215	19,475	895	20,370
Polk	11	62	15	77	223	263,514	175,234	20,600	.....	20,600	775	298	1,073
Pulaski	1	25	.....	25	30	12,000	.....	9,000	.....	9,000	25	.....	25
Putnam	2	8	.....	8	90	70,427	58,295	3,000	.....	3,000	100	350	450
Ralls	3	34	.....	34	120	73,777	48,562	7,130	1,800	8,930	200	750	950
Randolph	12	136	1	137	392	320,054	213,640	50,411	6,500	56,911	1,300	1,678	2,978
Ray	10	105	30	135	391	311,697	220,861	29,814	1,600	31,414	680	1,680	2,360
Ripley	5	130	.....	130	150	115,000	52,000	42,000	.....	42,000	560	.....	560
St. Charles	15	1,165	43	1,208	1,055	2,119,158	1,523,630	451,990	37,700	489,690	2,229	20,240	22,469
St. Clair	4	16	.....	16	145	93,380	72,700	5,460	.....	5,460	170	315	485
St. Francois	13	1,044	.....	1,044	1,520	1,708,011	251,061	559,486	31,000	590,486	12,750	10,867	23,617
Saline	17	154	10	164	778	856,971	617,037	41,628	9,500	51,128	2,450	6,400	8,850
Schuyler	6	19	.....	19	230	122,590	87,850	9,159	.....	9,159	295	1,170	1,465
Scotland	10	49	.....	49	253	175,175	123,264	22,490	1,000	23,490	616	950	1,566
Shannon	9	945	.....	945	600	560,000	168,500	290,350	7,500	297,850	3,250	5,000	8,250
Shelby	8	23	.....	23	270	222,761	179,270	9,333	500	9,833	885	1,425	2,310
Stoddard	17	457	.....	457	570	368,521	157,400	142,002	1,800	143,802	715	2,215	2,930
Sullivan	8	30	.....	30	240	149,056	111,134	12,029	.....	12,029	466	790	1,256
Vernon	11	253	60	313	396	737,732	323,667	159,926	14,900	174,826	4,705	660	5,365
Warren	3	20	.....	20	135	180,606	143,431	9,000	.....	9,000	300	1,150	1,450
Washington	11	28	.....	28	60	160,596	120,680	9,510	.....	9,510	165	60	225
Wayne	7	377	.....	377	695	358,713	181,631	117,602	2,500	120,102	4,060	850	4,910
Worth	2	6	.....	6	115	111,475	88,325	2,975	.....	2,975	175	320	495
St. Louis city	577	30,778	7,612	38,390	47,020	98,887,742	57,012,373	16,906,171	3,845,231	20,751,403	4,653,480	481,255	5,134,735
Totals	1,849	52,434	10,965	63,399	94,933	161,537,092	95,952,192	26,322,812	5,119,106	31,441,919	5,327,056	788,759	6,115,815

*In Howell county the Southwest Missouri Lumber company is not included. In Crawford county the Sligo and Midland furnaces are not included. In Jefferson county the Crystal City Glass works is not included. In Cole county the return of only one Penitentiary contractor is given.

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The tables immediately following are tabulated from reports made by the proprietors of the industries, and show the average daily wages paid employes in trades named in the counties in which they are located, not including the city of St. Louis, which appears fully under the head of factory inspection for that city.

Brick-making in these counties only lasts during the summer season, usually about four months. In the other lines the opportunity for work is continuous, or nearly so.

AVERAGE DAILY WAGES PAID IN MISSOURI BRICK-YARDS.

Counties.	No. of brick-yard	Average daily wages paid laborers	Average daily wages paid moulders	Average daily wages paid foremen	Average daily wages paid brick and mud-wheelers	Average daily wages paid pit-fillers	Average daily wages paid setters	Average daily wages paid boys	Average daily wages paid temperers	Average daily wages paid burners
Atchison	1	$1 50	$3 00	$2 00						
Audrain	1	1 50								
	2	1 75								
	3	1 50								
Bates	1	1 25								
	2									
Boone	1	1 50								
Buchanan	1		2 50		$1 75	$1 75	$2 75	85	$1 50	
	2		2 50		1 75					
	3	1 50	2 50		1 75					
	4	1 75	2 50		1 75	1 75	2 75	85		
	5	1 75	2 50		1 75		2 50	95		
	6	1 75	2 50		1 75	1 75			1 75	
	7	1 00	2 50	RA 2 25	1 75	1 75	2 50			
	8	1 00	2 50		1 75	1 75	2 00			
Callaway	1	1 25						75		
Cape Girardeau	1	1 50						50		
	2	1 60						$1 00		
	3	1 35	1 50					50		
Carroll	1	1 50								
	2	1 50								
Cass	1	1 50								
Chariton	1	1 35								
Clay	1	1 50								
Franklin	1	1 25								
	2	1 25								
	3	1 25								
	4	1 25								
Gentry	1	1 50	2 50							
	2	1 00		1 50						
Greene	1	1 50								
	2	1 50								
	3	1 50								
	4	1 50								
Grundy	1		1 60		1 50					
Henry	1	1 50								
	2	1 35								
	3	1 25								

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DAILY WAGES PAID IN BRICK-YARDS—Continued.

Counties.	No of brick-yard.	Average daily wages paid laborers	Average daily wages paid moulders	Average daily wages paid foremen	Average daily wages paid mud and brick wheelers	Average daily wages paid pit fillers	Average daily wages paid setters	Average daily wages paid boys	Average daily wages paid tempers	Average daily wages paid burners
Holt	1	$1 50								
	2	1 25	$2 50							
	3	1 25	1 75							
	4	1 25	2 50							
Howard	1	1 25								
	2	1 25								
	3	1 50								
Jackson	1	2 00								
	2	1 50								
	3	2 00								
	4	2 00								
	5	2 00								
	6	1 75			$2 50		$3 00	$1 00		$3 00
	7	2 00								
	8	2 00								
	9	2 00								
	10	2 00								
	11	1 75								
	12	2 00								
	13	2 00								
Jasper	1	1 50								
Jefferson	1	1 50								
Lafayette	1									
	2	1 75								
	3	1 50								
	4	1 50								
	5	1 50								
	6	1 50								
	7	1 50								
Lawrence	1	1 25								
Marion	1	1 50								
Nodaway	1	1 25								
	2	1 25								
	3	1 00								
Randolph	1	1 50						65		
Saline	1	1 40								
	2	1 50						90		
	3	1 40								
St. Charles	1	1 25								
	2	1 50								
Stoddard	1	1 50								
Vernon	1	1 51								

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AVERAGE DAILY WAGES PAID IN MISSOURI CIGAR FACTORIES.

Counties.	No. of cigar factory.	Average daily wages paid men.	Average daily wages paid boys.	Average daily wages paid women.	Average daily wages paid packers.	Average daily wages paid stemmers.
Adair	1	$1 50	50			
	2	1 50	50			
Audrain	1	1 50	75			
	2	2 50	60			
	3					
Barton	1	2 00				
Bates	1	1 25				
	2					
Boone	1	2 50	33⅓			
Buchanan	1		75	60		
	2	2 50	50			
	3	1 75	41			
	4	2 50			$2 50	$3 50
	5	2 50				
Carroll	1					
	2					
	3					
Chariton	1		50			
	2	1 75				
	3	1 00				
	4	2 50	20	75		
Clark	1	2 00				
Clinton	1	2 00				
Cooper	1					
	2	2 00				
	3	2 00				
	4					
Dade	1					
Franklin	1	2 00				
	2					
Greene	1					
	2					
	3	1 66				
	4	1 66	33			
	5	1 66				
Henry	1	2 00				
	2					
	3	2 00				
	4	2 00				
Jackson	1	2 50				
	2	2 50				
	3					
	4	2 50				
	5					
	6					
	7					
	8	2 50				
	9	2 50				
	10					
	11					
	12					
	13					
	14	2 50				

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WAGES IN CIGAR FACTORIES—Continued.

Counties.	No. of cigar factory.	Average daily wages paid men.	Average daily wages paid boys.	Average daily wages paid women.	Average daily wages paid packers.	Average daily wages paid salesmen.
Jackson	15	$2 50				
	16					
	17	2 50				
	18	2 50				
	19	2 50				
	20	2 50				
	21					
	22					
	23	2 50				
	24	1 80				
	25					
	26	2 00				
	27					
	28	2 50				
	29	2 50				
	30	2 50				
	31	1 50				
	32	2 50				
	33	2 50				
	34	2 50				
	35					
	36					
	37	2 50				
	38	2 50				
	39					
	40					
	41					
	42					
	43					
	44					
	45					
	46					
	47					
	48	2 50				
Jasper	1	2 00				
	2	2 00				
	3	2 00				
	4	2 00				
	5	2 00				
	6					
Johnson	1	2 00				
Knox	1	1 75				
Laclede	1	1 66⅔				
Lawrence	1					
	2	2 00				
	3	2 00				
	4					
Lewis	1	1 50				
Linn	1					
	2					
Livingston	1	2 00	75	75		
Macon	1	1 50				
Marion	1	1 75	40	75		
	2	1 75	33⅓			
	3	2 00	35			
	4	1 75	50			
	5	2 50	60	75		
	6	1 75	40			
	7		50			
	8		50			
	9	1 75				
	10					
Monroe	1					
	2	1 75	25			

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WAGES IN CIGAR FACTORIES—Continued.

Counties.	No. of cigar factory.	Average daily wages paid men	Average daily wages paid boys	Average daily wages paid women	Average daily wages of packers	Average daily wages paid salesmen
Nodaway	1	$1 65				
	2	1 65				
Pettis	1	2 25	60	90		
	2	2 00				
	3	2 00				
	4	2 00				
	5	2 00				
	6	2 00				
	7	2 00				
	8	2 00				
Pike	1	1 50				
	2	2 00				
	3	2 00				
	4	2 00				
	5					
	6	2 00				
	7	2 00				
Randolph	1	1 75	50			
	2					
	3	1 75				
St. Charles	1	2 00				
	2	2 00				
	3	2 00				
Scotland	1					
Shelby	1	1 75				
Sullivan	1	1 25				
Vernon	1	2 00				

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AVERAGE DAILY WAGES PAID IN MISSOURI FOUNDRIES.

Counties.	No. of foundry	Average daily wages paid machinists	Average daily wages paid blacksmiths	Average daily wages paid boys	Average daily wages paid pattern-makers	Average daily wages paid moulders	Average daily wages paid helpers
Adair	1	$1 75					
Barton	1	2 00					
Bates	1	2 00					
Buchanan	1	2 50	$1 75	66⅔	$3 00		
Carroll	1	2 00					
	2	1 50					
Cooper	1	2 50					
Franklin	1	2 00					
Greene	1	2 00					
	2	2 00					
	3	2 25					
	4	2 00					
	5	2 25					
Henry	1	1 75					
Jackson	1	2 00					
	2	1 75					
	3	1 75					
	4						
	5						
	6	2 50					
	7	2 10					
	8	2 25					
	9	2 00					
	10	2 50					
	11	2 60					
	12	2 50					
Jasper	1	2 25					
	2	2 50					
	3	2 00					
	4	2 50					
	5	2 00					
	6	2 00					
	7	2 50					
	8	1 50					
	9	2 50					
Macon	1	1 50					
Marion	1	1 75					
	2	2 50					
Newton	1	2 00					
Pike	1	1 75					
Schuyler	1	1 50					
Vernon	1	2 50					

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AVERAGE DAILY WAGES PAID IN MISSOURI FLOURING MILLS.

Counties.	No. of mill.	Laborers	Millers	Engineers and firemen	Helpers	Men	Boys	Roustabouts	Packers	Coopers	Salesmen	Clerks	Book keepers
Adair	1	$1 25											
Andrew	1	125											
	2		$2 00	$1 25	$1 25								
Atchison	1	1 00	1 50										
Audrain	1	1 55											
	2	1 50											
Barry													
Barton	1	1 75											
	2	1 50											
Bates	1	1 25											
	2	1 50											
	3	1 50											
Benton													
Bollinger													
Boone	1	1 25	2 00										
	2												
	3	1 50											
	4	1 50											
Buchanan	1	1 50	3 50	2 75		$2 00					$5 00	$2 00	
	2		2 60	1 75	1 00	2 00			$1 25				
	3		2 50	2 00	1 25	1 50							
	4		2 00	2 50		1 50					2 25	1 5	
	5				1 50							2 32	
Butler													
Caldwell	1		4 00	1 80	2 00			$1 50	$1 50				
	2		2 50	2 00	1 00								
Callaway	1	1 50											
	2	1 50											
	3	1 25											
Camden													
Cape Girardeau	1	1 25	3 00	2 00					1 50			1 66	
	2	1 10											
	3		1 00	1 00									
	4	1 30	2 75	1 70								1 75	
	5	1 30	2 30	2 30								2 00	
	6		2 00	1 67					1 25				
Carroll	1	2 00											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 50											
	6	1 50											
Carter													
Cass	1	1 25											
	2	1 25											
	3	1 50											
	4	1 25											
	5	1 25											
Cedar													

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WAGES IN FLOURING MILLS—Continued.

Counties.	No. of mill	Laborers	Millers	Engineers and firemen	Helpers	Men	Boys	Roustabouts	Packers	Coopers	Salesmen	Clerks	Book-keepers
Chariton	1	$1 50											
	2			$1 75	$ 50								
	3	1 25											
	4	1 50											
Christian													
Clark	1	1 50											
Clay	1	1 25											
	2	1 25											
	3	1 25											
	4	1 25											
Clinton	1			1 25	2 50								
	2		3 25	2 50		$3 80			$1 25		$1 50		
	3		1 75	1 00				$ 75	1 00				
Cole													
Cooper	1	1 50											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 75											
	6	1 75											
Crawford	1	1 25											
	2												
	3	1 25											
Dade	1	1 50											
	2	1 50											
	3	1 50											
Dallas													
Daviess	1		2 00	1 45		2 00			1 25				
	2		2 25	1 50					1 50				
	3			1 50	1 25								
	4		2 00	1 50	1 25				1 25				
DeKalb	1		2 00	1 50	1 25				1 25				
	2	1 25	2 80	1 60					1 25				
Dent													
Douglas													
Dunklin													
Franklin	1	1 25	3 00	2 50						$2 00			
	2	1 35											
	3	2 50											
	4	1 35											
Gasconade	1	1 71											
Gentry	1		3 00	1 50	1 00								
	2	1 10	2 80	1 40		1 40							
	3		1 75	1 50	1 50	1 75							
	4	1 25	2 50	1 50									
Greene	1												
	2	1 50											
	3	2 00											
	4	1 50											
	5	2 00											
	6	1 50											
	7	1 50											
	8	2 00											

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WAGES IN FLOURING MILLS—Continued.

Counties.	No of mill.	Laborers	Millers	Engineers and firemen	Helpers	Men	Boys	Roustabouts	Packers	Coopers	Salesmen	Clerks	Book-keepers
Grundy	1		$2 90	$1 55	$1 25	$1 25			$1 25				
	2		1 75	1 50	1 25	1 25			1 25				
Harrison	1	75		1 25	1 25								
Henry	1	1 50											
	2	1 25				2 50							
	3	1 50											
	4	1 50											
	5	1 50											
	6												
	7	1 50											
Hickory													
Holt	1	2 00			1 50								
	2	1 25		1 50									
Howard	1	1 25											
	2	1 25											
Howell													
Iron	1	1 50											
Jackson	1	2 25											
	2	2 00											
	3	1 75											
	4	1 50											
	5	1 25											
	6	1 50											
	7	1 25											
Jasper	1	1 25											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 50											
	6	1 50											
	7	1 50											
	8	1 50											
	9	1 60											
	10	1 50											
Johnson	1	1 50											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 50											
Jefferson	1	1 50											
	2	1 50											
Knox	1	1 50											
Laclede	1	1 50											
	2	1 50											
	3	1 50											
	4	1 50											
Lafayette	1	1 50											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 50											
	6	1 85											
	7	1 50											
	8	1 50											
	9	2 00											
	10	1 50											

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WAGES IN FLOURING MILLS—Continued.

Counties.	No. of mills	Laborers	Millers	Engineers and firemen	Helpers	Men	Boys	Roustabouts	Packers	Coopers	Salesman	Clerks	Book-keepers
Lawrence	1	$1 50											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 50											
	6	1 50											
	7	1 50											
	8	1 50											
Lewis	1	1 50											
	2	1 50											
Lincoln													
Linn	1	1 25											
	2	1 20											
	3	1 50											
	4	2 50											
	5	1 55											
	6	1 25											
Livingston	1	1 33	$2 50	$1 50	$1 16	$2 75	75		$1 16				
	2	1 35	2 00	1 35									
Macon	1	1 25											
	2	1 25											
	3	1 25											
	4	1 25											
Madison	1	1 50											
	2	1 50											
Maries													
Marion	1	1 50											
	2	2 00											
	3	1 25											
	4	1 25											
	5	1 75											
Mercer	1		2 00	1 50	1 50								
Miller													
Mississippi													
Moniteau	1	1 00											
	2	1 25											
	3	1 25											
Monroe	1	1 25											
	2	1 25											
	3	1 25											
	4	1 25											
	5												
	6												
	7	1 25											
Montgomery	1	1 25											
	2	1 25											
	3	1 50											
Morgan													
New Madrid													
Newton	1	1 50											
	2	1 50											
	3	1 50				2 00							
	4	1 25				1 75							
	5	1 25				1 50							
	6	1 25	2 16	1 00								1 00	1 80
	7	1 25				1 60							

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WAGES IN FLOURING MILLS—Continued.

Counties.	No. of mill.	Laborers	Millers	Engineers and firemen	Helpers	Men	Boys	Roustabouts	Packers	Coopers	Salesmen	Clerks	Book-keepers
Nodaway	1	$1 60											
	2	1 40											
	3												
	4												
	5												
	6												
	7												
Pettis	1												
	2	1 50											
	3	1 25											
	4	1 25											
	5	1 25											
	6	1 25											
	7	1 25											
Phelps	1	1 50											
	2	1 50											
Pike	1	1 25											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 25											
Platte	1		$2 88	$1 90		$1 35			$1 35			$3 00	$3 00
	2	1 25	2 50	1 50	$2 50								
	3		2 50	1 50		1 25			1 50				
Polk	1	1 65											
	2												
	3	1 25											
	4	1 25											
	5	1 25											
	6												
	7												
Pulaski													
Putnam	1	1 25											
	2	1 25											
Ralls	1	1 00											
	2	1 25											
Randolph	1	1 63											
	2	1 25											
	3	1 63											
	4		2 50	2 00	1 00		25				$1 50		
												2 50	
Ray	1	1 25											
	2	1 50											
	3	2 00											
	4	1 50											
Reynolds													
Ripley													
St. Charles	1	1 50											
	2	1 50											
	3	1 50											
	4	1 50											
	5	1 25											
St. Clair	1	1 25											
	2	1 50											
St. Francois	1	1 25											
	2	1 50											
	3	1 50											
	4	1 25											
	5	1 50											

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WAGES IN FLOURING MILLS—Continued.

Counties.	No. of mill	Laborers	Millers	Engineers and firemen	Helpers	Men	Boys	Roustabouts	Packers	Coopers	Salesman	Clerks	Book-keepers
St. Genevieve													
St. Louis													
Saline	1	$1 00	$3 25			$1 50			$1 50				
	2	1 50											
	3	1 50											
	4	1 75											
	5	1 50											
	6	1 50											
	7	1 50											
	8	1 25											
	9	1 50											
Schuyler	1	1 25											
	2	1 25											
	3	1 50											
	4	1 50											
Scotland	1	1 25											
	2	1 50											
	3	1 50											
Scott													
Shannon													
Shelby	1	1 25											
	2	1 25											
	3	1 75											
	4	1 25											
	5	1 25											
Stoddard													
Stone													
Sullivan	1	1 50											
	2	1 50											
	3	1 25											
	4	1 25											
Taney													
Texas													
Vernon	1	1 50											
	2	1 50											
Warren	1	1 75											
	2	1 25											
Washington	1	1 50											
Wayne													
Webster													
Worth	1		2 00	$1 50	$1 25								
	2		2 00	1 50	1 25								

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AVERAGE DAILY WAGES PAID IN MISSOURI LUMBER MILLS.

Counties.	No. of mill	Men	Boys or unskilled	Women	Carpenters	Glazers	Laborers	Filers	Engineers
Adair	1	$2 00							
Atchison	1	1 35							
Buchanan	1	1 25							
	2	2 25							
Butler	1	1 25							
	2	1 50							
	3	1 25							
	4	1 50							
	5	1 50							
	6	1 25							
	7	1 50							
	8	1 50							
	9	1 50							
	10	1 50							
Carroll	1	1 50							
	2	1 50							
	3	1 50							
	4	1 50							
Carter	1	1 35							
	2	1 35							
	3	1 35							
	4	1 35							
	5	1 25							
	6	1 25							
Dunklin	1	1 50							
	2	1 50							
	3	1 50							
Franklin	1	2 50							
	2	1 50							
Greene	1	1 75							
	2	2 25							
	3	1 65							
	4	2 00							
Howell	1	1 50							
	2	1 50							
Iron	1	1 25							
	2	1 25							
	3	1 25							
	4	1 25							
	5	1 25							
	6	1 25							
	7	1 25							
	8	1 25							
	9	1 25							
	10	1 25							
	11	1 25							
	12	1 25							
	13	1 25							
Jackson	1	2 50							
	2	2 60							
	3	2 50							
	4	2 00							
	5	2 50							
	6	2 00							
	7	2 50							
	8	2 50							
Laclede	1	1 50							
Lawrence	1	1 50							
	2	1 50							

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WAGES IN LUMBER MILLS—Continued.

Counties.	No of mill	Men	Boys or unskilled	Women	Carpenters	Glazers	Laborers	Filers	Engineers
Lewis	1	$2 75	$1 50	62¾					
	2	1 75							
Linn	1	1 75							
Madison	1	1 50							
	2	1 50							
Marion	1	2 00	75		$1 60	$2 00			
	2	1 50	75						
	3	2 00							
	4	2 00	75						
	5	1 50	$1 00						
	6	1 50	75						
	7	1 50							
Mississippi	1	1 50							
	2	2 75					$1 50		
Newton	1	1 50							
New Madrid	1	1 50							
Pettis	1	2 00							
Phelps	1	1 35							
Pike	1	1 40							
Ray	1	1 50							
Ripley	1	1 25							
	2	1 25							
	3	1 50							
	4	1 25							
	5	1 25							
St. Clair	1	1 25							
Scotland	1	1 25							
Shannon	1	1 35							
	2	1 25							
	3	1 25							
	4	1 25							
	5	1 25							
	6	1 25							
	7	1 25							
	8	1 25							
	9	1 35							
Stoddard	1	1 50							
	2	1 50							
	3	1 50							
	4	1 50							
	5	1 50							
	6	1 50							
	7	1 50							
	8	2 00							
	9	1 50							
	10	1 50							
Sullivan	1	1 15							
	2	1 15							
Vernon	1								
Wayne	1	1 25							
	2	1 30							
	3	1 40					$1 25	$4 00	$2 00
	4	1 25							
	5	1 25							
	6	1 50							

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AVERAGE DAILY WAGES PAID IN MISSOURI MARBLE YARDS.

Counties.	No. of marble yard.	Average daily wages paid men	Average daily wages paid stone-cutters	Average daily wages paid finishers	Average daily wages paid engravers	Average daily wages paid setters	Average daily wages paid salesmen	Average daily wages paid teamsters
Audrain	1	$1 35						
Barton	2	2 00						
Bates	1	1 75						
Buchanan	1	1 75						
	2	3 00						
	3		$3 50	$1 75	$2 50	$2 50		
Cooper	1	1 75						
Franklin	1	2 00						
	2							
Gentry	1		1 75					
Greene	1	* 2 00						
	2	2 00						
Grundy	1		2 00					
Harrison	1		2 00					
Jackson	1	2 50						
	2	2 00						
Johnson	1	2 00						
	2	2 00						
Knox	1	1 75						
Lafayette	1	2 00						
	2	2 00						
Linn	1							
Marion	1	2 00						
	2	1 65						
Moniteau	1	2 00						
Nodaway	1	2 50	1 80	1 25			$3 50	
Pettis	1	2 00						
Pike	1	1 50						
	2	1 75						
	3	1 50						
	4	1 50						
Saline	1	2 00						

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AVERAGE DAILY WAGES PAID IN MISSOURI WAGON AND CARRIAGE FACTORIES.

Counties.	No. of factory	Blacksmiths	Wood-workers	Trimmers	Painters	Boys	Women	Helpers
Adair	1	$1 50						
Audrain	1	2 00						
Barton	1	2 00						
Boone	1	2 00						
Buchanan	1	2 00	$2 25	$3 00	$2 75	$1 50		
	2	1 50				40	75	
	3	1 75						
	4	2 00	1 75		1 75			
	5	2 65	2 50	2 50	1 25	75		$1 50
	6	2 00	2 00	3 00	2 25			
	7	2 00	2 00	2 50	2 00	2 00		
	8	1 50	1 75	2 25	1 50	1 75		
Caldwell	1	1 50	1 75		1 50			
Cape Girardeau	1	1 00						
Carroll	1	2 00						
Cass	1	1 25						
Cooper	1	1 50						
	2	1 25						
DeKalb	1	2 00	1 50					
Franklin	1	1 75						
Greene	1	1 60						
	2	2 00						
Grundy	1	1 75	1 50	2 00				
Harrison	1	1 50	2 00	2 00	1 50			
	2	2 00	1 75	1 50	2 25			1 25
Henry	1	1 75						
Jackson	1	2 00						
	2	2 00						
	3	2 50						
	4	3 00			2 50			1 50
Jefferson	1	2 50	1 75					
Knox	1	1 50						
	2	1 50						
	3	1 50						
	4	1 50						
Lafayette	1	2 50						
Lincoln	1	1 50						
Livingston	1	2 00	2 50	2 50	2 00			
	2		1 50					
Macon	1	1 75						
Mercer	1	1 50	1 50		2 00			
Moniteau	1	2 00						

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WAGES IN WAGON AND CARRIAGE FACTORIES—Continued.

Counties.	No. of factory	Blacksmiths	Wood-workers	Trimmers	Painters	Boys	Women	Helpers
Montgomery	1							
Newton	1	$1 75						
	2	1 75						
Nodaway	1	1 65						
Pettis	1	1 50						
Pike	1	1 75						
	2							
Randolph	1	1 75	$1 75		$1 75	50		
St. Francois	1	1 50						
	2	1 50						
	3	1 50						
	4	1 50						
Scotland	1	1 75						
	2	1 75						
	3	1 75						
Vernon	1	2 00						
Warren	1	1 25						

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FACTORY INSPECTION.

ST. LOUIS CITY.

In the 1,072 factories inspected in the city of St. Louis, there were employed:

Men	43,733
Boys under 12 years of age	573
Women	9,345
Girls under 14 years of age	119
Total	53,770

Note: The per centage is expressed approximately and not absolutely.

Of the 1,072 factories:

900, or 84 per cent, pay their employes weekly.

121, or 11⅓ per cent, pay their employes bi-weekly.

31, or 3 1/10 per cent, pay their employes semi-monthly.

3 fail to state how often they pay.

Of these:

900, or 84 per cent, withhold no wages on pay-day.

112, or 10 per cent, withhold 1 day's wages on pay-day.

60, or 5 6/10 per cent, withhold irregular number of days—some 7, some 10, some 15, etc., etc.

JACKSON COUNTY.

In the 110 factories inspected in Kansas City, there were employed:

Men	3,782
Boys under 12 years of age	....
Women	461
Girls under 14 years of age	.....
Total	4,243

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Of the 110 factories—

89, or 80 per cent, pay their employes weekly.

14, or 12 per cent, pay their employes bi-weekly.

7, or 6 per cent, pay their employes semi-monthly.

Of these—

94, or 85 per cent, withhold no wages on pay-day.

13, or 12 per cent, withhold 1 day's wages on pay-day.

3, or 3 per cent, withhold irregular number of days—some 5, some 10 and some 15 days.

BUCHANAN COUNTY.

In the 30 factories inspected in St. Joseph, there were employed:

Men	835
Boys under 12 years of age	2
Women	1,190
Girls under 14 years of age	31
Total	2,058

Of the 30 factories—

27, or 90 per cent, pay their employes weekly.

2, or 7 per cent, pay their employes bi-weekly.

1, or per cent, pay their employes monthly.

Of these—

None withhold any wages on pay-day.

GREENE COUNTY.

In the 33 factories inspected in Greene county, there were employed:

Men	107
Boys under 12 years of age	78
Women	38
Girls under 14 years of age	15
Total	238

Of the 33 factories—

23, or 70 per cent, pay their employes weekly.

3, or 9 per cent, pay their employes bi-weekly.

7, or 20 per cent, pay their employes monthly.

Of these—

26, or 79 per cent, withhold no wages on pay-day.

1, or 3 per cent, withhold 1 day's wages on pay-day.

6, or 18 per cent, withhold irregular number of days—some 11, some 15, some 25 days.

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MARION COUNTY.

In the 12 factories inspected in Marion county, there were employed:

Men	715
Boys under 12 years of age	23
Women	32
Girls under 14 years of age	15
Total	785

Of the 12 factories—

9, or 75 per cent, pay their employes weekly.

2, or 16 per cent, pay their employes monthly.

1 is not given.

Of these—

3, or 25 per cent, withhold no wages on pay-day.

5, or 41⅔ per cent, withhold 1 day's wages on pay-day.

3, or 25 per cent, withhold irregular number of days—some 2, some 4 and some 15; and one factory is not given.

PETTIS COUNTY.

In the 18 factories inspected in Pettis county, there were employed:

Men	387
Boys under 12 years of age	17
Women	87
Girls under 14 years of age	10
Total	501

Of the 18 factories—

13, or 72⅔ per cent, pay their employes weekly.

5, or 27⅓ per cent, pay their employes monthly.

Of these—

13, or 72⅔ per cent, withhold no wages on pay-day.

3, or 16⅔ per cent, withhold 1 day's wages on pay-day.

2, or 11⅓ per cent, withhold irregular number of days—one 15 and the other 16.

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JASPER COUNTY.

In the 22 factories inspected in Jasper county, there were employed:

Men	633
Boys under 12 years of age	17
Women	172
Girls under 14 years of age	.....
Total	822

Of the 22 factories—

19, or 86 per cent, pay their employes weekly.
1, or 4 per cent, pay their employes bi-weekly.
2, or 9 per cent, pay their employes monthly.

Of these—

20, or 90 per cent, withhold no wages on pay-day.
1, or 4 per cent, withhold 1 day's wages on pay-day.
1, or 4 per cent, withhold 2 days' wages on pay-day.

Table showing the number of employes, and how often paid, in the 1297 factories inspected in the State of Missouri.

	No. of factories inspected	No. of employes.				Total number of employes	Employes paid w'kly.	Empl. paid bi-weekly.	Empl. paid monthly.	Empl. pd. semi-m'hly.
		Male	Boys under 12.	Female	Girls under 14.					
St. Louis city	1,072	43,733	573	9,345	119	53,770	900	121	17	31
Jackson county	110	3,782	....	461	....	4,243	89	14	....	7
Buchanan county	30	835	2	1,190	31	2,058	27	2	1	....
Greene county	33	107	78	38	15	238	23	3	7	....
Jasper county	22	633	17	172	....	822	19	1	2	....
Pettis county	18	387	17	87	10	501	13	....	5	....
Marion county	12	715	23	32	15	785	9	....	2	....
Totals	1,297	50,192	710	11,325	190	62,417	1,080	141	34	38

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It is gratifying to note that while to many proprietors and managers of workshops a visit of inspection was regarded as something new, and the object of such inspection was frequently misunderstood, there was a very general acquiescence in the propriety of the law authorizing an inspection. Considerable objection was made as to the supposed frequency of these visits and inquiries in some establishments, but upon an explanation being given, it was found that this misapprehension arose from a confusion of the agents of the United States Census Bureau, the Jury Commissioner, and the agents of this Bureau, and an amicable result was usually secured, there being but two cases of absolute refusal to answer the inquiries upon the inspection blank, but by a little judicious circumlocution the information desired was obtained. It is to be regretted, however, that in some cases the inquiries were regarded as unimportant, and answers were given at random, some of which there was reason to believe were inaccurate. But taken altogether, it is reasonable to conclude that the information obtained relative to the number of employes and their average daily wages is as nearly correct as it is possible to get them.

It may be noted with pleasure that in almost every instance where a new building is constructed for manufacturing purposes, an effort is made by the owner to comply with all the sanitary and other regulations concerning workshops, and since the enactment of the factory inspection law, a marked improvement has been made in the condition of the shops in the cities. Yet there are hundreds of establishments located in old buildings which are being used for other purposes than that intended at the time of their construction, and are sadly deficient in means of egress and safety of the toiling hundreds of employes engaged therein. Especially is this the case where an individual is running a shop as a sub-contractor for some larger firm, a vacant room in some upper story or a basement being rented, and no sign out to indicate the existence of a workshop, and it is only by accident or persistent search that any information can be gleaned.

The section of the law requiring individuals and corporations establishing new factories or workshops or removing to new quarters, to notify the Labor Bureau of that fact, and also the section requiring all owners of workshops, etc., to notify the Bureau of all accidents to their employes within two weeks after the occurrence of such accident, have both been entirely ignored. The cause of this negligence is doubtless attributable to the fact that the owners and managers of workshops are not generally aware of the existence of a law requiring them to give such information.

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When an accident does occur, it is almost invariably attributed to the carelessness of the employes, and while this may be true in many cases, the factory inspector has endeavored to suggest to proprietors some remedy in each case whereby it would be impossible for such accidents to occur, even if the employe were at fault. It is difficult to do so in all cases, especially where an employe deliberately removes some safeguard which may be placed around the gearing of machinery or a box around belting or shafting, because it seems to be in his way and causes him a few extra steps in the discharge of his duties. The matter of thoroughly guarding machinery is a very perplexing one, and requires both judgment and experience, and suggestions offered by an inspector are very frequently repudiated as impracticable by both employer and employe, who claim that the placing of guards around most machines to any extent would impair the usefulness of the machines and diminish the output. In some few cases, however, the liability to accident could be avoided by a few simple devices which would not affect the working of machines. For instance, in bakeries, flour mills, and on mangling machines in laundries, a board or other covering might be placed over the rollers of sufficient size to prevent the operator getting his fingers near enough to be caught between the rolls, etc. In planing mills and furniture factories, where circular and traveling saws are largely used, there seems to be no reason why adjustable hoods or caps might not be hung or fixed over the saw, the hood to be made sufficiently strong to prevent either any one falling on the saw from above or the board being caught up and carried over the saw and thrown forward with sufficient force to kill any one who may be in its way. It may be and is urged that there is no necessity for such guard, as the saw is usually set sufficiently far inside the cutting table to prevent the operator or other person from falling upon it; yet experience has shown that even the most careful and skillful operators have been subjected to serious and often fatal injuries through failure to provide such guard.

Much danger might also be averted were some device adopted and enforced to prevent the close contact of the hands of the workmen with such machines as shapers, carvers, wood and iron planers and frizzers. There is a tendency among workmen to dispense with the use of guards in operating these machines, but if some arrangement could be made whereby an automatic clamp could be attached, its use would not depend upon the caprice of the workmen. But one of the greatest dangers connected with this class of work lies in the employment of boys of tender years to operate the machines. In some cases, the boys are too small to reach up to the machine, and stand upon boxes or tempo-

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rary pedestals or platforms, and thus incur greater danger than if they were standing upon the floor. To obviate this state of affairs, and place all employers upon an equality, it would probably be better if the law was so amended as to prohibit the employment of any boy under 16 years of age as an operator upon any drill, mortising and tenoning machine, saw, planer or shaper, or in any capacity in any machine shop or planing mill, where it is necessary for him to operate any fast running machine; nor should any boy under 16 years of age be allowed to operate any stamping machine or punch where the ponderous stamp is operated by either continuous steam power or by foot. The dangers of feeding the machine and the necessity of withdrawing the hand rapidly are too great to permit a boy to work in these vocations, unless the stamp be controlled by the hand after it has been withdrawn from the machine. It may be said that too much time would be lost by such a power; but the danger of maiming would be lessened, or the boy may be supplanted by one of maturer years. It is but just to add that in some cases proprietors do not desire to employ small boys, but they are solicited by employes to allow their children to work, the employer only permitting these children in his establishment on condition that he would not be responsible for any injury they might receive. At present there is no inhibition upon the employment of boys of any age, except in mines. Such inhibition would place this State in line with other states having factory inspection laws.

The matter of guarding elevators and hoistways is left a comparatively open question by our laws, and many establishments have guards to their elevators which, while they comply with the legal requirement, are wholly inadequate for the purpose intended. The placing of guard-rails, while accepted as being a compliance with the demands of the law, is of very little practical benefit, since they are not only frequently left open through the failure of employes to replace them after using the elevator, but they are often either removed or tied up to keep them open. To this negligence may be added the danger of a person leaning against them and their giving way, or of his leaning over when the platform is descending and having his head caught by the floor of the platform, from both of which causes accidents have occurred during the past year. While the most efficient means of guarding elevators is a matter that admits of wide discussion, it seems clear there can be but little doubt that the use of automatic gates would subserve the object sought better than any other method now in use. These gates would open or raise automatically when the platform of the elevator reaches the floor upon which they are located, and close as soon as the elevator leaves that floor, thus obviating any danger

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through negligence of the operator. To be of service, these gates or any other means of enclosure should be at least four or five feet high. While some establishments still use the old-fashioned rope and hook hoists, the same danger of falling down the hatchway exists as in the case of unguarded elevators, and the inadequacy of the guard-bar is equally as great, and all such hatchways should be boxed up to the height of four feet, with a gateway to the entrance of such hatch.

The requirement of law that doors of factories and work-shops shall open outwardly, if the Inspector shall so direct, has thus far been left almost entirely to the Inspector, thus devolving upon him the duty of determining the necessity of the doors being so hung. Of the establishments visited, scarcely 5 per cent have their doors opening outward; about 10 per cent of the doors slide and the balance open inward.

The construction of outside fire-escapes has been the only class of orders given by the Inspector where serious opposition was encountered—the parties notified urging either non-ownership of the property occupied, or that the means of egress were ample and that the construction of a fire-escape would be an unnecessary expense. But as the statute is mandatory upon this point, no discretion is left the Inspector. In some cases the order for construction of fire-escape has been complied with, but in others it may be necessary to institute legal proceedings to compel a compliance with the statute.

One of the most fruitful sources of injury to employes during the past year has been the bursting of emery wheels. Upon diligent inquiry among skilled mechanics, it appears that while such accidents are liable to occur at any time, there is not necessarily any greater danger to be apprehended from this source than from the use of a lathe or any other machine, if due diligence be observed in properly balancing the wheel; and it has been suggested that, by the use of clamps or brace-plates at the sides of the wheel, absolute immunity from danger may be secured, especially if the speed of the wheel be within the limit guaranteed by its manufacturers.

In regard to the sanitary condition of work-shops in St. Louis, it is with pleasure that we note a marked improvement over former years, greater attention being given to ventilation, sanitary plumbing, deportment of employes inside and outside the work-shop, increase of water closets, furnishing of dressing and wash-rooms, improved heating apparatus, and a general cleanliness of work-shops, than was ever thought of prior to the passage of the law authorizing inspection. While there were formerly many work-shops in St. Louis, and in other cities in Missouri, that might properly be termed "sweat-boxes," the

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number of such shops in St. Louis is very small; and upon informing the proprietors of two establishments of the over-crowded condition of their shops, they promised that their quarters would be enlarged before commencing the next season's business. While in a few cases both sexes were found using the same closets, a prompt compliance with the law was promised, the invariable excuse offered for the existing state of affairs being that the parties interested were only tenants, and that the owner of the building would not provide the necessary number of closets.

The usual method of operating sewing machines in shoe factories and clothing factories is by placing the main shafting about eight inches from the floor and in the center of a long sewing table about five feet wide. Ordinarily there is but little danger to the sewing girl operating these machines, but occasionally when a spool or piece of material is dropped, the girls stoop under the table to pick it up, when if they wear their hair loose or in braids, there is a liability of its becoming entangled with the shafting, and as an accident has occurred from this source, whereby a part of the scalp was torn from the head of a sewing girl, it seems that it would be proper to require this class of shafting to be thoroughly boxed.

In concluding this introductory to the tables showing the condition of the factories inspected, it is but proper to say that, with few exceptions, a cordial reception has been given to the Inspector, and words of encouragement and hopes of good results which have been expressed by leading manufacturers have been so frequent as to clearly indicate the sympathy of employers with the law, and the interest manifested in its thorough enforcement.

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TABLE SHOWING THE CONDITION OF WORKSHOPS AND FACTORIES.

AUDRAIN COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Fire-brick and tile—																									
1	Mexico Fire Brick Co	8	95	B W	1 & 2	3			100	..	..	..	100	Monthly	15	60	60	No	52	..	..	..	..	..	..	..
2	Audrain Mfg. & Coal M. Co	8	20	"	1 & 2	3			18	..	..	..	18	"	15	60	60	Unkn	14	..	..	..	..	..	..	..
	Totals								118	..	..	..	118													

BUTLER COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Miscellaneous—																									
1	Woodenware factory, Roberts, J. M.	S	50	W	1	1			26	20	...	4	50	Weekly	3	60	60		52			Yes			In	
2	Staves and Cooperage, Oxley Stv. Co.	8	350	W	1	1			80	...	..	...	80	"	3	60	60		52	..	..		No	..	Out	
	Totals								106	20	....	4	130													

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CARROLL COUNTY.

	Miscellaneous—																										
1...	Canning factory, Egypt Canning Co	S	60	W	2	2	6,400	12	110	..	...	....	110	Optional	...	60	60	No	20	..	...	.....	..	.....	....
2...	Farm Implement, Dain Mfg Co. ...	S	50	W I	1 & 2	3	36,000	...	30	...	...	..	30	Weekly .	..	60	60	"	48	.	..	Yes	No	..	In. ...	...
3...	Wood work, Davis Manufacturing Co.	S	20	W	2	2	8,000	10	14	...	..	....	14	"	...	60	60	"	52	...	..	"	"	..	"	....
	Totals.....	...	...	.....	.....	...	50,400	22	154	....	..	...	154														

CHARITON COUNTY.

	Miscellaneous—																										
1...	Canning factory, Salisbury Can. Co.	S	45	W	3	3	4.800	8	20	5	35	....	60	Weekly .	....	60	60	.....	12	....	....	Yes	....	1	In	....
2...	Tobacco factory, Lacy Tobacco Co..	S	6	B	2 & 1	3	8,400	40	15	16	4	...	35	"	..	60	60	No	29	....	....	"	No	....	"	....
	Totals.....	...	....	.....	.....	...	13,200	48	35	21	39	....	95														

GRUNDY COUNTY.

	Car repairing—																										
1...	C., R. I. & P. R'y locomotive shop.	S	25	B I S	1	1	23.448	50	143	...	...	....	143	Monthly.	21	60	60	Yes	52	....	...	No	No	..	Out.....	....
2...	C., R. I. & P. R'y locomotive shop	S	15	B 3W	1	1	11,700	28	28	...	....	...	28	"	21	60	60	"	52	....	....	"	"	....	" ...	....
	Totals.....	...	....	.....	.....	..	35,148	78	171	....	....	....	171														

LEWIS COUNTY.

	Saw and planing mills—																										
1...	Canton Saw Mill Co	S	200	W B	1 & 2	3	.....	..	65	...	12	....	77	Bi-w'kly	5	60	60	Unkn	36	...	...	...	No	.	.....	....
2...	Canton Planing Mill Co.....	S	100	W	1	1	.....	..	23	...	..	...	23	"	5	60	60	No ..	52	..	...	...	...	..	.....	....
	Totals.	....	...	.....	.....	....	.....	...	88	....	12	....	100														

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

BATES COUNTY.

Establishment No.	Name of establishment	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time	Running part time	Entirely closed	Weeks	Are doors unlocked during hours of labor?	Is there elevator for employes?	No of accidents in past year	Do doors open in or out?	No of outside fire-escapes
	Brick-yard—																										
1	Anderson, J. D.								30				30	Weekly		60	60		24								
2	Power & Bros	S	60	W	1 & 2	3			10				10	"		60	60		40								
	Totals								40				40														
	Miscellaneous—																										
3	Cigar factory, Heck & Ruble			W	1	1	600		12				12	Weekly		48	60		52								
4	Flour mill, Rich Hill	S	120	W	4	4	36,000		12				12	"		72	60		22								
5	Zinc works, Rich Hill	S	50	B	1	1			130				130	Bi-wkly	5	72			52								
	Totals						36,600		154				154														

JEFFERSON COUNTY.

	Wagon and repair shops—																										
1	Hacke, Fred			B	2	2				12				12	Weekly		60	60		52			Yes	No.		In	
2	Iron Mountain railroad repair shops	S	125	B	1	1				450				450	Monthly		60	60		52			"	"		"	
	Totals									462				462													
	Miscellaneous—																										
3	Planing mill, Hamel, Gus	S	35	W	1	1				9				9	Weekly		60	60		52			Yes	No.		In	

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PIKE COUNTY.

	Tobacco factory—																								
1...	Addison Tinsley Tobacco Co	S	160	B	4	4	18,400	104	100	5	90	5	200	Weekly	1	58	60	Unkn	50	.....	Yes	No.	2	In	....
2...	Boone, W. P. & Son, Clarksville	S	20	B	2	2	9,600	16	12	10	10	..	32	"	..	60	60	No	48	.....	"	"	....	"	....
3...	Major & Mackey Tobacco Co	S	7	B	3	3	12,000	22	8	..	16	..	24	"	..	60	60	"	45	.....	"	"	....	"	....
	Totals	..	....	.....	.....	..	40,000	142	120	15	116	5	246												

RAY COUNTY.

	Miscellaneous																								
1...	Box factory, Chapman & Dewey	S	75	W	1	1	9,000	..	25	..	..	..	25	Weekly	1	60	60	No	50	....	..	....	....	.....	....
2...	Canning factory	S	40	W	2	2	6,400	12	20	30	10	20	80	"	1	60	60	"	12	....	....	No	....	In	....
	Totals	...	..	.....	.....	..	15,400	12	45	30	10	20	105												

ST. CHARLES COUNTY.

	Miscellaneous—																								
1...	Furniture Co., St. Charles	S	50	W	2	2	14,400	..	52	18	1	....	71	Weekly	1	60	60	No	47	....	....	....	....	.....	....
2...	Railroad cars, "	S	650	BW	1 & 2	3	.....	..	950	..	...	..	950	"	3	60	60	Unkn	50	..	....	....	....	.....	....
3...	Tobacco factory, "	S	36	B	3	3	14,400	..	40	....	...	...	40	"	1	60	60	No	....	..	....	Yes	No.	In	....
	Totals						28,800	..	1042	18	1	...	1061												

ST. FRANCOIS COUNTY.

	Lead company—																								
1...	Doe, Run Lead Co	S	500	WI	1	1	..	...	....	165	...	...	....	165	Bi-Wkly	...	54	60	.....	52	...	...	.....	.....	....
2...	St. Joseph Lead Co	S	700	BW	1	1	..	...	....	800	..	..	....	800	"	...	54	60	.....	52	...	...	.....	.....	....
	Totals	...	....	.....	.....	..	..	...	...	965	...	...	...	965											
	Miscellaneous—																								
3...	Quarry rock, Milue & Gordon	S	35	...	....	..	....	...	....	25	..	...	..	25	Monthly	10	60	60	.....	40	...	...	.....	.....	....
	Saw-mill & wagon fac., Lang & Bro.	S	25	W	1	1	....	...	....	15	...	...	...	15	Optional	...	60	60	.....	52	...	Yes	...	In	....
4...	Totals	...	....	.....	.....	..	..	...	...	40	...	...	...	40											

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

BUCHANAN COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Weekly: Running full time	Running part time	Entirely closed	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Boots and shoes—																									
1	Noyes, Norman & Co	E	25	B	4	4	38,400	25	40		10		50	Weekly		59	60	D K	50			Yes	No		In	2
2	Saulter Baumle Shoe Co	M	15	B	3	3	7,200	45	19		6		25	"		60	60	Yes				Yes	No		In	1
	Totals						45,600	70	59		16		75													3
	Breweries—																									
3	Goetz, M. K	S	160	B	2	2			20				20	Weekly		60	60	No	52			Yes	No		In	
4	St. Joseph Brewing Co	S	20	B	3	3	5,184	30	20				20	Bi-wkly		60		No.	52			Yes	No		In	
	Totals						5,184	30	40				40													
	Cider and vinegar factory—																									
5	Fuelling, Louis	S	15	B&W	1 & 2	3	50,400	34	10				10	Weekly		60	60	D K	52			Yes	No		In	
6	St. Joe Cider and Vinegar	S	12	S&W	2	2	3,600	9	3				3	"		60	60	No.				Yes	No		In	
	Totals						54,000	43	13				13													
	Coffee, spice and baking powder—																									
7	Nohaska Manufacturing Co	S	90	B	4	4		63	17		10		27	Weekly		60	60	D K	52			No	No		In	1
8	Midland C. and Spice Co	S	20	B	2	2	28,000	35	7		10		17	"		48	60	No.	52			Yes	No		In	
	Totals						28,000	98	24		20		44													1
	Cooperage—																									
9	Meierhoffer, Geo. & Bro	S	44	B&J	2	2	8,000	40	50				50	Weekly		54	60	No.	58	24	14	Yes	No		Slide	
10	Schroer, J. A			W	1	1	5,500	14	14				14	"		PW	UL	D.K	52			"	"		Out	
	Totals						13,500	54	64				64													

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	Flour and meal mill—																								
11..	Davis, A. T. Mill Co.	S	280	B	4	4	.....	14	43	..	....	....	43	Weekly	....	....	60	Yes	48	....	..	Yes	No.	....	In	2
12..	Faucit, R. H. Mill Co	S	150	B&W	4	4	.....	48	20	..	....	..	20	"	....	60	..	D.K	52	....	....	"	No.	....	In	1
13..	St. Joseph Oat Meal Mills	H	150	B	4	4	25,200	48	20	..	10	..	30	"	....	144	60	D.K	52	17	....	"	Yes	....	In	1
	Totals	....	....	....	....	....	25,200	110	83	..	10	..	93	....	....	....	....	....	....	....	....	....	....	....	....	4
	Men's Furnishing Goods—																								
14..	McDonald R. L. & Co	S	60	B	4	4	24,000	240	35	..	275	..	310	Weekly	....	55	60	No.	52	....	....	Yes	Yes	..	In	2
15..	McKinney, Hundley & Walker	M	10	B	3	3	18,000	18	5	2	75	15	97	"	....	58	60	No.	28	....	....	"	No.	..	In	1
16..	Tootle, Hosea & Co	E	35	B	4	4	41,600	25	25	....	375	..	400	"	..	58	60	No.	48	....	....	"	"	....	Out	2
17..	Wood Mfg Co	S	40	B	6	3	33,600	60	50	....	400	..	450	"	..	60	45	No.	50	....	....	"	"	....	Out	2
	Totals	..	....	....	....	....	117,200	343	115	2	1125	15	1257	....	..	....	....	....	....	....	....	....	....	....	....	7
	Planing mills and scroll work—																								
18..	Allen, R. K. & Son	S	35	B	2 & 3	5	.....	....	60	..	....	....	60	Weekly	....	48	45	Yes	50	....	....	Yes	No	....	In	....
19..	Selmens, C. W.	E	4	W	1	1	600	8	2	....	..	..	2	"	..	60	60	Yes	52	....	....	"	"	....	Out	....
	Totals	....	....	....	....	....	600	8	62	....	....	....	62													
	Miscellaneous—																								
20..	Carriage works, Lucen City	E	5	B	3	3	16,800	..	15	....	....	..	15	Weekly	....	60	60	No.	52	....	....	Yes	No.	....	In	1
21.	Cigar factory, Phelps & Moore	....	....	B	1	1	280	4	3	....	1	....	4	"	....	48	..	Yes	52	..	....	"	No	....	In	..
22	Gas works, St. Joseph	S	30	B	2	2	.....	....	30	....	....	..	30	"	..	66	60	No.	52	..	....	"	Yes	..	Out	....
23..	Plow Co., St. Joseph	S	30	WB	1 & 2	2	6,360	50	20	....	....	....	20	"	..	60	60	Yes	44	....	....	"	"	....	In	....
24..	Pork packing, Henry King	S	75	BW	2	2	54,000	....	100	..	5	..	105	"	..	60	30	DK	35	17	....	"	"	....	Out	....
25..	Pump Co., St. Joseph	S	60	B	2	2	16,000	....	40	..	10	....	50	Monthly	..	60	45	DK	52	....	....	"	"	....	In	....
26..	Saddle, and harness H. C. Wyeth	E	20	B	4	4	12,800	64	122	....	..	..	122	Weekly	..	58	60	Yes	52	....	....	"	No	....	In	2
27..	Slaughter and sausage wks, St. Joe.	S	20	BW	2	2	4,800	6	....	....	....	..	....	"	....	60	60	DK	52	....	....	"	"	....	In	....
28..	Stone Co., Pfeiffer	S	40	BW	1 & 2	2	10,600	....	30	....	....	....	30	Bi-w'kly	..	54	....	No.	....	....	....	....	....	....	....	....
29..	Syrup and jelly Mfg., Coulter Co	S	80	B	3	3	.....	24	15	..	..	..	15	Weekly	..	59	60	DK	52	....	....	Yes	Yes	....	In	....
30..	Tin ware factory, Wyeth Mfg	S	60	B	4	4	22,400	....	....	....	3	16	19	"	....	58	60	Yes	52	....	....	No	No.	....	Both	2
	Totals	....	....	....	....	....	144,040	148	375	....	19	16	410	....	..	..	....	....	....	....	....	....	....	....	....	5

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

COOPER COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Flour Mills—																									
1	Schrt Milling Co	S	60	W	3	3	9,000	..	13	...	...	...	13	Weekly	...	72	60	...	30	...	...	...	...	...	...	...
2	Sombart Milling Co	S	120	B	1&4	5	60,000	...	10	...	...	...	10	"	...	72	1	...	40	...	...	...	...	...	...	...
	Totals	...	...	...	...	...	69,000	...	23				23													
	Wagon and Carriage—																									
3	Roeder, Chas	...	...	B	1	1	16,000	...	6	...	...	...	6	Weekly	..	60	60	...	52	...	...	...	...	...	...	...
4	Weyland, L	S	8	W B	1	1	15,000	...	9	...	...	...	9	Monthly	...	60	60	...	52	...	...	...	...	...	...	...
	Totals	...	...	...	...	...	31,000	...	15	..	...	...	15													
	Miscellaneous—																									
5	Cooper shop, Meierhoffer, C	...	...	W	1	1	12,000	..	15	...	...	..	15	Weekly	...	60	60	...	52	..	...	...	...	...	...	...
6	Pottery, Jegglin, J. M.	...	...	W B	1	1	...	..	10	...	...	..	10	"	...	60	60	...	48	..	...	...	...	...	...	...
7	Tobacco factory, Gott, Jno. & Son	S	20	W B	2	2	12,000	...	22	2	...	..	24	"	..	60	60	...	52	...	...	..	...	...	...	...
	Totals	...	...	...	...	...	24,000	...	47	2	...	...	49													

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CASS COUNTY.

	Brick-yard—																									
1...	Pleasant Hill	S	40						25				25	Bi-w'kly	1	60	60		32							
	Canning Company—																									
2...	Pleasant Hill	S	40	W	1	1	12,000		25	25	25	25	100	Weekly		60	60		14							
	Carriage Factory—																									
3...	Pierce & Harbison	S	18	W	1	1	5,000		10				10	"		60	60		52							
	Planing Mill—																									
4...	Davis Door and Blind factory	S	50	B W	1&2	3	40,500		30				30	"		60	60		52			Yes			In	
	Woolen Mill—																									
5 ..	Pleasant Hill	S	60	B	2	2	24,000		20	2	6		28	Bi-w'kly	1	60	60		50				No.			
	Totals						81,500		110	27	31	25	193													

FRANKLIN COUNTY.

	Milling Companies—																									
1...	Pacific Star Mills	S	80	B	3	3	48,000		15				15	Weekly		60	60		52							
2...	Wolff Milling Co	S	75	B	3	3	6,000		15				15	"		66	60		52							
	Totals						54,000		30				30													
	Miscellaneous—																									
3...	Blacksmith shop, Mo. Pac	S	35	B	1	1	3,000		10				10	Monthly	15	60	60		52							
4...	Brewery, Busch, Jno B	S	125	B	2	2			10				10	Optional		60	60		52							
5...	Boot & Shoe Fac, Harke, J. L. & Co.	S	22	B	2	2	6,400		16		4		20	Weekly		60	60		50							
6...	Carriage and Plow factory, Jasper			B	1	1	8,000		10				10	"		60	60		52							
7...	Cob Pipe factory, Tibbe, H & Son	S	25	B	2	2	18,000		60				60	"		60	60		51							
8...	Zither factory, Schwarger Franz			B	1	1			16				16	"		60	60		52							
	Totals						35,400		122		4		126													

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

GREENE COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 18	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time	Running part time	Entirely closed	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Cigar Factories—																		Weekly							
1	Gehrs, H. R			B	2	1	1,000	3	5				5	Weekly		48	60	Yes	52			Yes	No		In	
2	Southwest Cigar Factory			W	1	1	600		10	2			12	"		48	60	Yes	52			"	"		"	
3	Williams, F. D.			B	2	1	880	4	8				8	"		48	60	Yes	52			"	"		"	
	Totals						2,480	7	23	2			25													
	Flour Mills—																									
4	Eisenmeyer Milling Co	S	100	B	4	1			12				12	Weekly		72	60		52			Yes	No		In	
5	Gulf Roller Mills	S	60	W	2	2	12,000		7				7	"		72	60		52			"	"		"	
6	Queen City Milling Co	S	75	B	4	1	10,800		8				8	"		72	60		52			"	"		"	
7	Sprague, A. R. & Co.	S	100	W	4	1			8				8	"		72	60		52			"	"		"	
8	Springfield Milling Co	S	75	W	2	1			8				8	"		72	60		52			"	"		"	
	Totals						22,800		43				43													
	Lime-kilns—																									
9	Ash Grove White Lime Co								85				85	Monthly	15	60	60		40							
10	Phenix Sand and Lime Co	S	50						50				50	"	25	60	60		40							
	Totals								85				85													
	Planing Mills																									
11	Anderson & Son	S	60	W	1	1	16,000		15				15	Weekly		60	60		52			Yes	No			
12	Springfield Planing Mill & L. Co	S	40		1	1			18				18	"		60	60		52			"	"		Slide	
13	Skorg Axle Co	S	15	B	2	2	8,000		15				15	"		60	60		48			"	"		In	
	Totals						24,000		48				48													

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	Printing and Binding—																									
14	Democrat, Springfield	G	5	B	1	1	2,200	6	24	10			34	Weekly		42	60		52			Yes				
15	Herald, Springfield	G	3	B	1	1	1,200	4		6			6	"		60	60		52			"				
16	Leader, Springfield	G	3	B	1	1	1,200	10	9	22	1		32	"		60	60		52			"	No		In	
	Totals						4,600	20	33	38	1		72													
	Foundry and Machine Shop—																									
17	K. C., Ft. S. & M. R. R. shops	S	350	W B	1	1			260				260	Monthly	11	60	60		28			Yes	No		In	
18	Springfield Car and Foundry Co	S	150	B	1	1			75				75	Monthly	1	60	60		52			"	"		"	
19	Springfield F. and M. shop	S	25	B	1	1	35,000		35				35	Weekly		60	60		52			"	"		"	
20	St. Louis & S. F. R. R. shops	S	450	B	1	1			500				500	Monthly	15	60	60		52			"	"		"	
	Totals						35,000		870				870													
	Tobacco Factories—																									
21	Anthony, G. W			W	1	1	1,875		9	3			12	Weekly		60	60		30			Yes	No		In	
22	McCann & Co., G. H.	S		B	3	3	9,600		25	10	12	10	57	"		60	60		51			"	"		"	1
23	Porter, W. G.			W	1	1	1,800		5			5	10	"		60	60		20			"	"		"	
	Totals						13,275		39	13	12	15	79													1
	Carriage and Wagon Factories—																									
24	Jess & Sturdy			B	2	2	15,000		18				18	Weekly		60	60		52			Yes	No		In	
25	Springfield Wagon Co	S	200	B W	1	1			75				75	"		60	60		52			"	"		"	
	Totals						15,000		93				93													
	Miscellaneous—																									
26	Cooper shop, Springfield	S	25	W	1 & 2	3			25				25	Bi-wkly		60	60		40			Yes	No		In	
27	Evaporator, Christ & Co			W	1	1	1,200		5	25	25		55	Weekly		60	60		12			"	"		"	
28	Gas and Electric L. Co., Springfield	S	175	B	1	1	4,000		10				10	Monthly	2	60	60		52			"	"		"	
29	Ice factory, Springfield	S	125	W B	1	1			9				9	"	7	60	60		36			"	"		"	
30	Pottery, Springfield			W	1	1	3,200		10				10	Bi-wkly		60	60		40			"			"	
31	Saddle & Harness factory, M. Steineger			B	3	3	9,900	12	18				18	Weekly		60	60		52			"	No		"	
32	Stove foundry, Springfield	S	150	B	1,2&3	5			70				70	"		60	60		12			"	"		"	
33	Water-works, Springfield	S	175	B	1	1			50				50	Bi-wkly		60	60		52							
	Totals						18,300	12	197	25	25		247													

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

HENRY COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time. Weeks.	Running part time. Weeks.	Entirely closed. Weeks.	Are doors unlocked during hours of labor?	Is there elevator for employes?	No of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Brick and Tile Factory—																									
1	Deepwater B. and T. Co	S	50	W B	1	1			20				20	Monthly	20	60	60		40							
2	Mo. Clay Co	S	100	S W B	1	1			40				40	"	20	60	60		30							
	Totals								60				60													
	Pottery—																									
3	Clinton Pottery Co	S	70	B	1 & 3	4			60				60	Monthly	10	66	60		52							
4	Darby Brothers	S	24	B W	1	1			12				12	"		60	60		50							
5	Jeggiln, G A			B W	1	1			15				15	"		60	60		50							
6	Underwood & Sons			B W	1	1			10				10	"		60	60		45							
	Totals								97				97													
	Miscellaneous—																									
7	Flour mill, Tebo Mill	S	125	B	4	4	48,000		20				20	Weekly		72	60		40							
8	Foundry and M. shop, Hanna, M	S	14	W	1	1	6,000		16				16	Monthly	1	60	60		52							
9	Sewer Pipe Fac., Dickey, W. S	S	80	B	3	3	60,000		60				60	"	20	60	60		52							
	Totals						114,000		96				96													

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JACKSON COUNTY.

	Agricultural implements—																								
1..	Cookson Elevator Co., K. C.	S	30	B	2		15,000		60				60	Monthly					40						
2..	Kansas City Hay Press Co.	S	40	B W	1 & 2	3	45,000		60				60	Weekly		60	60		52						
3..	Rotary K. C. Agricultural Imp.			B	1	1	3,600		14				14	Bi-w'kly		60	60		26						
	Totals						63,600		134				134												
	Box factories—																								
4..	Donney M	S	80	W			3,500		20				20	Monthly	1	60	60		52						
5	Hulbert Manufacturing Co	S	20	W	2	2	8,000		20				20	Weekly		60	60		52						
	Totals						11,500		40				40												
	Brass works—																								
6..	Midland Brass works	S	10	B	1	1	2,000		10				10	Weekly		60	60		52						
7..	Western Brass & Lantern works	S	20	W	2	2	4,000		20				20	"					52						
	Totals						6,000		30				30												
	Brewing companies—																								
8..	Bavarian Brewing Co	S	200	B	2	2			20				20	Bi-w'kly		60	60		52						
9..	Muehlebach Geo.	S	80	B	3	2			14				14	Weekly		60	60		52						
10..	Heim, Ferd Brewing Co.	S	800	B	1, 2, 3	5			150				150	"	1	60	60		52						
11.	Her & Burgweger	S	150	B	1 to 4	1			60		4		64	Bi-w'kly		60	60		52						
	Totals								244		4		248												
	Candy factories—																								
12..	Manning & Mann, K. C			B	2	2	6,000		3		4		7	Weekly		60	60		52						
13..	Mount, W. A. & Co.	S	5	B	3	3	6,375		23				23	"		60	60		44						
	Totals						12,375		26		4		30												
	Cabinet and upholstery—																								
14..	Crombe Cabinet Co	S	25	W	2	2	7,200		8				8	Bi-w'kly	1	60	60		52						
15..	Johnson, L. J., K. C	S	10	B	2	2	3,000		12				12	Weekly		60	60		45						
16..	Sammon, K. C.			I	2	2	4,800		50				50	"		60	60		50						
17..	Whitcomb Cabinet Co			B	1	1	4,000		16				16	Bi-w'kly		60	60		24						
	Totals						19,000		86				86												
	Carriage and wagon factories—																								
18.	Atlas Carriage works			B	3	3	28,800		36				36	Monthly	15	60	60		52			Yes	No	In	
19..	Kimpel, John			B	2	2	8,000		8				8	Weekly		60	60		52						
20..	Kimpel, Charles			W	1	1	1,200		6				6	"		60	60		52						
21..	Russell Hardware Co.			B	1	1	6,000		8				8	"		60	60		52						
22..	Rogers Carriage Co.			B	1		6,000		6				6	"		60	60		52						
	Totals						50,000		64				64												

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

JACKSON COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minute allowed for dinner	Do employes belong to labor organization	During year has been Running full time (Weeks)	Running part time (Weeks)	Entry closed (Weeks)	Are doors unlocked during hours of labor	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Cornice and ornamental works—																									
23	Ritzler, J. A., C. & O works	S	40	B	2	2	7,500		20				20	Weekly		60	60		52							
24	Sweet, A. K. Manufacturing Co			B	2	2	8,000		30				30	"		60	60		40							
25	Zahner & Battell Manufacturing Co.			B	3	3	9,375		16				16	"		60	60		52				Yes			1
	Totals						24,875		66				66													
	Cracker factories—																									
26	Huggins Cracker & Candy Factory	S	44	B	4	4	32,000		25		25		50	Weekly		60	60		50				Yes			2
27	Loose Bros., K. C			B	4	4	30,000		140		60		200	"					52			Yes	"		In	2
	Totals						62,000		165		85		250													4
	Flouring mills—																									
28	K. C. Milling Co	S	125	W	3	3	36,000		19				19	Weekly		72	60		52							
29	Waggoner, Gates & Co.	S	150	B	3	3	36,000		20				20	Monthly	1	72	60		52							
	Totals						72,000		39				39													
	Furriers—																									
30	Plukert, E			B	2	2	5,000		4		25		29	Weekly	1	60	60		52				No			
31	Shukert, A			B	2	2	4 000		3		7		10	"	1	60	60		52				"			
	Totals						9,000		7		32		39													
	Grocers' sundries—																									
32	Beaham-Moffitt Mfg. Co			B	4	4		20	9		3		12	Weekly		60	60		52				Yes		In	2
33	Corle & Son, oat meal and cereal	S	125	B	4	4		50	56				56	"		72	60		50				No			2
34	Jaques & Co., F. F., Kansas City	S	10	B	4	4	12,000	8	15				15	Bi-w'kly	1	60	60		8				Yes			2

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35	Murdock & Co., Kansas City	S	75	B	5	5	20,000	18	36		4		40	Weekly		60	60		52				"		In	
	Totals						42,000	96	116		7		123													6
	Machine shops and foundries—																									
36	Central Iron Works			B	1	1	3,200		10				10	Weekly		60	60		50							
37	Independence Novelty L. W	S	12	B	1	1	4,000		12				12	Bi-w'kly	1	60	60		52							
38	K. City Bolt and Nut Co			W	1	1			150				150	Monthly	10				52							
39	K. City Wire and Iron Works	S	50	B	4	4	24,000		25				25	Weekly		60	60		52				Yes			2
40	K. City Switches and Frogs	S	225	B	1	1	15,000		45				45	Monthly	5	60	60		52							
41	Leas, Geo., Boiler Works			B	1	1	18,900		20				20	Weekly		60	60									
42	Loyd's Foundry and Machine Shop	S	25	B	2	2	8,000		8				8	"		60	60									
43	Plunner Machine Shop	S	13	B	1	1	1,000		6				6	"		60	60		52							
44	Wedge, Jno. & Co			B	2	2	400		8				8	"		60	60		40							
	Totals						74,500		284				284													2
	Marble and asphalt—																									
45	Barbour Asphalt and Paving Co	S	40	W & S	1	1			175				175	Weekly	1	60	60		30							
46	Rice, M H., Kansas City								13				13	"	1	60	60		52							
	Totals								188				188													
	Overalls, shirts and pants—																									
47	Driggs Mfg Co	S	40	B	5	5	28,125		12				12	Weekly		60	60		52				No			1
48	Hoar, J. & Co	E	3	B	3	3	11,250	16	3		50		53	"		60	60		49				"			2
49	Lyman Shirt Co			B	2	2	3,000		2		5		7	"		60			52				"			
50	Peake Mfg. Co	S	5	B	1	1	3,125		6		94		100	"		60	60		48							
51	Union Mfg Co	S	4	B	4	4	18,000	24	4		50		54	"		60	60		50				Yes			2
52	Woolf Bros.	E	3	B	3	3	11,250	12	4		60		64	"		60	60		52				"			1
	Totals						74,750	42	31		259		300													6
	Packing houses—																									
53	Dold, Jacob			B	1 to 5	4			450				450	Bi-wkly	1	60	60		52				No		In	6
54	Morris packing house	S	225	B	2	2	90,000		100				100	Weekly		60	60		26							
	Totals						90,000		550				550													6
	Planing mills—																									
55	Cotton & Armstrong	S	40	BW	2	2	24,000		10				10	Weekly		60	60		40							
56	Enterprise Planing Co	S	25	W	2	2	6 400		6				6	Bi-wkly		60	60		32							
57	Lovejoy, G W.	S	35	B	2	2	22,600		30				30	Weekly		60	60		52							
58	Mitchell Planing Co	S	40	W	1	1			50				50	Bi-wkly		60	60		52							
59	O. K. planing mill	S	20	W	1	1								Weekly		60	60		52							
60	Richardson & Hemis, Kansas City	S	75	B	2	2	24,000		30				30	"		60	60		52							
61	Roach & Reuer Mfg Co	S	40	B	1	1	8,000		25				25	"		60	60		52							
62	Western Sash Door Co	S	200	WI	1 & 2	3			200				200	"		60	60		52							
	Totals						85,000		351				351													

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

JACKSON COUNTY.

Establishment No.	Name of establisement.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. of square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 18	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Printing and book-binding—																									
63	Bradner & Andrews P. Co.	E	5	B	1	1	2,250	..	9	..	..	..	9	Weekly	..	60	60	..	52	..	..	..	..	..	..	..
64	Graham Paper Co	E	742	B	2	1	5,000	..	12	..	..	..	12	"	..	60	60	..	52	..	..	..	..	..	..	..
65	Tiernan, Havens & Co	S	50	B	3	3	13 500	8	55	..	10	..	65	"	1	60	60	..	52	..	..	..	..	..	..	..
66	Hart & Damel Printers L	S	30	W	2	.	6,000	..	5	..	..	..	5	"	..	60	60	..	52	..	..	..	..	..	..	..
67	Kansas City Journal	S	100	B	5	5	16,000	..	90	..	..	..	90	"	..	60	60	..	52	..	..	..	..	..	..	2
68	Kansas City Star	S	30	B	1	1	7 500	..	72	..	..	..	72	"	..	54	60	..	52	..	..	..	..	..	..	..
69	Kansas City Times	S	150	B	5	5	30,000	..	106	..	..	..	106	"	..	54	60	..	52	..	..	..	..	..	..	..
70	Kellogg, A N	S	40	B	5	5	...	..	60	..	1	..	61	"	..	59	50	..	52	..	..	Yes	No	..	..	1
71	Berkowitz & Co	E	5	B	1	1	7,500	..	5	..	5	..	10	"	..	60	60	..	52	..	..	..	..	..	..	..
72	Rhodes, Samuel	E	1	B	3	3	13,500	8	15	..	9	..	24	"	..	54	60	..	52	..	..	..	..	..	..	..
73	Rigsby-Ranson P Co	E	3	B	.....	..	350	..	15	..	2	..	17	"	..	60	60	..	52	..	..	..	..	..	..	..
74	Tew-Lyle Printing Co	S	10	B	3	3	7,800	14	32	..	8	..	40	"	..	60	60	..	52	..	..	..	No	..	In	1
75	Union Bank Note Co.	S	20	B	4	4	10,000	8	36	..	4	..	40	"	..	60	60	..	52	..	..	..	Yes	..	..	2
76	Weber, W. F., Kansas City	E	2	B	2	2	5,000	..	6	..	..	..	6	"	..	60	60	..	52	..	..	..	..	..	..	..
77	Western Newspaper Union	S	32	B	5	5	30 000	..	20	..	15	..	35	"	..	48	60	..	52	..	..	..	Yes	..	..	1
78	Woody, Sidne, F	S	5	B	2	2	6,250		30	..	..	..	30	"	..	60	60	..	52	..	..	..	No.	..	..	..
	Totals					..	161,650	38	568	..	54	..	622		..											7
	Saddlery and harness factory—																									
79	Askew Bros			B	3	3	22,500	..	75	..	..	..	75	Weekly	..	60	60	..	52	..	..	..	..	..	..	1
80	Long, H. F. & Co, K. C	E	5	B	4	4	15,000	..	35	..	..	..	35	"	..	60	60	..	52	..	..	..	..	..	..	1
	Totals					..	37,500		110	..	..	..	110		..											2
	Soap factories—																									
81	Dressar, E P, Soap Co	S	40	B	2	2	25,250		11	..	..	..	11	Weekly	..	60	60	..	52	..	..	..	..	1	..	..
82	Post Brothers	S	60	B	3 & 2	5	75,000	100	19	..	..	..	19	"	..	60	60	..	52	..	..	..	..	..	..	..
	Totals						100,250	100	30				30													

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	Cut stone works—																									
83	Douglas, Walter			W B					10				10	Bi-wkly		60	60		36							
84	Dugan Cut S. Works	S	90	W					75				75	"		60	60		40							
85	Dunlap, M	S	40	W	1	1			6				6	Weekly		60	60		26							
	Totals								91				91													
	Tobacco factory—																									
86	Carey Tobacco Works			B	2	2	3,750		6				6	Bi-wkly		60	60		52							
87	Foley, G. M			B	3	3	7,200	12	12				12	Weekly		60	60		40			Yes	No		In	
88	Midland Tob. Works			B	4	4	18,750	6	40				40	"	1	60	60		52			Yes	No		In	1
	Totals						29,700	28	58				58													1
	Miscellaneous—																									
89	Bag Co., Kansas City			B	4	1	3,600	8	20				20	Weekly		60	60		52							
90	Bakery, "Home Made Pie Co."			B	1	1	8,000		15				15	"		60	60		52							
91	Broom Factory, Thompson, H. E			B	1	1	1,500		10				10	"		60	60		52							
92	Can Factory Hunt, H B	S	15	B	2	2	14,400		20				20	"		60	60		52				No			
93	Cider Works, Kansas City Steam	S	185	B	2	2	51,120		10				10	"		60	60		52							
94	Elevators, Kansas City Mfg. Co	S	17	B	2	2	5,750		20				20	"		60	60		52							
95	Electric Construction Co	E	3		1	1	2,400		8				8	"		60	60		52							
96	Fire Department Supply Co	S	80	B	2	2	60,000		40				40	"		60	60		52							
97	Furniture Factory	S	15	B	2	2	7,500		12				12	Monthly		60	60		52							
98	Gas and Coke Co., Kansas City	S	50	B	1	1			50				50	Bi-wkly		72	60									
99	Gravel and Tile Works, Kansas City								30				30	Weekly		60	60		30							
100	Hay Press Factory, United States	S	10	B	1	1	3,200		10				10	"		60	60		24							
101	Mattress and Springs, Bott, J. B	S	10	B	3	3	11,250		12		4		16	"		60	60		52				Yes			
102	Oil Works, Marsh Oil Co	S	50	B	2	2	14,400		8				8	"		60	60		52							
103	Paints, mixed, Campbell & Cutler	S	80	W	2	2	4,000		8		2		10	"		60	60		52							
104	Pottery, Kansas City	S	25	B	1	1			30				30	"		60	60		26							
105	Sewer Pipe Co., Kansas City	S	200	B	3	3			90				90	"		60	60		52				No			
106	Stove Foundry, Kansas City	S	25	B	2	2	18,000		20				20	"		60	60		45							
107	Tent Factory, C. J. Baker	E	2	B	4	4	10,000	8	14		10		24	"		60	60		52				Yes			
108	Tinware, Towuly Metal Co			B	4	4	16,200	12	18				18	"		60	60		52				"			1
109	Trunk Factory, Frieling, E. M	S	10	B	4	4	18,000		20				20	"		60	60		52				"			1
110	Woolen Mills, McCay & McAfee	S	50	B	2	2			29				29	"		60	60		40							
	Totals						249,320	28	494		16		510													2

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FACTORY INSPECTION AT KANSAS CITY.

AGRICULTURAL IMPLEMENTS.

Nos. 1, 2 and 3. Condition good.

BOX FACTORIES.

Nos. 4 and 5. The material and litter is inflammable, but as the work is done principally on the first floor, the danger to life from fire does not exist.

BRASS WORKS.

Nos. 6 and 7. Good condition.

BREWERIES.

No. 8. Lighted by electricity; heated by steam. Building substantial, slow combustion. Water-works in brewery.

No. 9. Work nearly all done in basement and on first floor. Condition good.

No. 10. Condition good.

No. 11. Work done on first and second floors.

CANDY FACTORIES.

No. 12. Separate closets. Heated by steam; not lighted.

No. 13. No inflammable material. Electric lights; heated by steam. Separate closets.

CABINET WORKS.

No. 14. Belting well boxed.

No. 15. Condition good.

No. 16. Not lighted.

No. 17. Commenced October 1, 1890.

CARRIAGE WORKS.

Nos. 18, 19, 20, 21 and 22 are really repair shops. All the work except painting done on first floor. No machinery used.

CORNICE WORKS.

Nos. 23, 24 and 25 are in good condition.

CRACKER FACTORIES.

No. 26. Stairway and elevator. Electric lights; heated by steam. Separate closets.

No. 27. Elevator well guarded. Condition good. Separate closets.

No. 28. The work in a flouring mill is done mainly on first floor, which makes life from fire safe.

No. 29. Condition good.

FURRIERS.

No. 31. Stairway. Seats and separate closets.

No. 32. Heated by steam; electric lights. Separate closets; seats.

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GROCERS' SUNDRIES.

No. 33. Lighted by gas; heated by steam. Seats and separate closets.
No. 34. Condition good.
No. 35. Commenced February 1, 1891.
No. 36. Ordered to put fire-escape.

IRON WORKS AND MACHINE SHOPS.

Nos. 37 to 45, both included, cover the inspections in this class and nothing special can be said. The buildings are only one story; no inflammable material is used, so that there can be no danger to life from fire. The general conditions are good.

PAVING WORKS.

No. 46. Work all done on streets and sidewalks.

MARBLE WORKS.

No. 47. Work done on ground floor. Condition good.

PANT, OVERALL AND SHIRT FACTORIES.

No. 48. Wide stairway. Seats and separate closets. Work-shop clean.
No. 49. Heated by stoves. Not lighted.
No. 50. Small shop pleasantly located.
No. 51. Work done on first floor; therefore, no danger from fire affecting life exists. Seats and separate closets.
No. 52. Stairway dark and narrow. If fire should break out and panic ensue, there would be danger to life.
No. 53. Requirements of the law complied with. Condition good.

PACKING HOUSES.

No. 54. The product of a packing house is inflammable. Stand-pipes and hose all over buildings and connection with city water-works. Lighted by electricity; heated by steam.
No. 55. Commenced operations October 1, 1890. Condition good.

PLANING MILLS.

Nos. 56, 57, 58, 59, 60, 61, 62 and 63. Inflammable material always present in the shavings and litter incident to the business. Strict rules against smoking always enforced. Not lighted, because work is done in day-time only; seldom heated, as the work in enclosed buildings is sufficient for comfort.

PRINTING ESTABLISHMENTS.

No. 64. Heated by steam; electric lights.
No. 65. Work all done on second floor.
No. 66. Separate closets. Work seldom done at night. Heated by steam.
No. 66¼. Make printers' ink.
No. 66½. Work all done at night. Heated by steam; lighted by electricity.
No. 66¾. Excellent condition.
No. 67. Heated by steam; electric lights. Work all done at night.
No. 68. Seats and separate closets. Lighted by gas; heated by steam.

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No. 69. Small office; good condition.
No. 70. Order given to put up fire-escape and put in separate water closets.
No. 71. Good condition.
No 72. Separate closets. Lighted by electricity; heated by steam.
No. 73. Good condition. Law observed.
No. 74. Condition good.
No. 75. Seats and separate closets.
No. 76. Good condition.
No. 77. No inflammable material. Elevator.
No. 78. Elevator well guarded. Heated by steam.

SOAP FACTORIES.

No. 79. Good condition for this kiud of a factory.

No. 80. Rear of building only two stories, with platform entire width. Separate closets. Material inflammable. Loss of finger was the only accident during the year. Employes change clothes after work.

CUT STONE WORKS.

Nos. 81, 82 and 83. Work all done in open air. Nothing done in extreme winter weather. Good wages and good conditions.

TOBACCO FACTORIES.

No. 84. Small factory employing men only. Work on second floor.
No. 85. Heated by steam; not lighted.
No. 86. Good condition.

MISCELLANEOUS.

No. 87. Work done on second floor.
No. 88. Good condition.
No. 89. No machinery except hand.
No. 90. Work on second floor.
No. 91. Work on first floor.
No. 92. Condition good.
No. 93. Lighted by electricity.
No. 94. Isolated. Excellent condition.
No. 95. Safe.
No. 96. The fumes of gas are unpleasant and also doubtless unhealthy.
No. 97. Work done in open air.
No. 98. Commenced October 1, 1890.
No. 99. Ordered to put fire-escape.
No. 100. The oil manufactured is inflammable.
No. 101. The paint and oil make the business unhealthy.
No. 102. The work-shops are sheds. Work only in summer.
No. 103. They work full force of 90 men all the time.
No. 104. Lighted by torches; not heated.
No. 105. Ordered to put up fire-escape. Seats and separate closets.

No. 106. Not disposed to give much information. The business is both jobbing and manufacturing.

No. 108. Good condition.

No. 109. Not near any other building; separate closets; seats not practicable; closed 12 weeks in the year because of cold weather.

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

JOHNSON COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weekly)	Running part time (Weekly)	Entirely closed (Weekly)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Quarry—																									
1	Bruce, Lawrence	S	80						40				40	Bi-w'kly	1	60	60		40							
2	Pickle, Jacob													Monthly	10				44							
	Totals								40				40													
	Miscellaneous—																									
3	Canning factory, Cheatham, N. C	S	15	W	1	1	3,200		6	5	25	10	46	Weekly		60	60		10							
4	Flour mill, Hartman & Markwand	S	110	W	3	3	180,000		7				7	"		72	60		52							
5	Cigar factory, Wessul, J. M.			B	1	1	1,500		8				8	"		48	60		52							
	Totals						184,700		21	5	25	10	61													

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CONDITION OF FACTORIES AND WORKSHOPS—Continued.

JASPER COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Foundry and machine shop—																									
1..	Carthage F. and M. shop	S	20	B	1	1	8,000	...	40	..	...	...	40	Bi-wkly	...	60	60	...	52	...	...	Yes	No	...	In	...
2..	Freeman's F. and M. shop	S	40	B	1	1	16,750	...	50	...	...	...	50	Weekly	...	60	60	...	52	...	..	"	"	.	"	...
3..	Harmony foundry	S	20	B	1	1	4,000	...	12	...	..	...	12	"	..	60	60	...	52	...	..	"	"	...	"	...
4..	Joplin Machine works	S	100	W	1	1	.....	..	67	...	...	...	67	"	..	60	60	...	52	...	...	"	"	...	"	...
5..	Shettenbach's shops	S	18	W	1	1	9,000	...	16	..	...	..	16	"	...	60	60	...	52	..	...	"	"	...	"	...
6..	Stewart, Menningal & Co	S	20	W	1	1	320	...	12	..	...	...	12	"	...	60	60	...	52	...	...	"	"	...	"	...
	Totals	...	...	...	...	...	38,070	...	197	...	...	...	197													
	Flour mills—																									
7.	Cowgill & Hill	S	275	W	4	1	.....	...	49	...	...	...	49	Weekly	...	60	60	...	52	...	...	...	...	...	...	...
8..	Sergeant, W. G	S	80	B	4	1	4,800	...	10	...	..	...	10	"	...	72	60	...	52	...	...	Yes	No.	...	In.	...
	Totals	...	...	...	...	..	4,800	...	59	...	...	...	59													
	Ice factories—																									
9..	Carthage Ice Co.	S	100	W	1	1	15,000	...	12	..	...	...	12	Weekly	...	60	60	...	34	...	...	...	No	...	...	...
10..	Frigid Ice Mfg. Co.	S	100	W	1	1	6,000	...	15	...	...	...	15	"	...	60	60	...	24	.	...	Yes	"	...	In	...
	Totals	...	...	...	...	..	21,000	..	27	...	...	...	27													
	Printing and binding—																									
11..	Banner Printing Co.	W	5	B	2 & 1	3	4 500	6	20	...	3	...	23	Weekly	..	60	60	...	52	..	...	Yes	No	..	In	...
12.	Carthage Democrat	G	10	B	2	2	2,640	6	13	...	...	...	13	"	...	60	60	...	52	...	...	"	"	...	"	...
13..	St. John, A. W. & Co	W	5	B	2	2	2,400	6	7	...	2	...	9	"	..	60	60	...	52	...	...	"	"	...	"	...
	Totals	...	...	...	...	..	9,540	18	40	...	5	...	45													

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	Woolen mills—																								
14..	Carthage Woolen Mill Co	S	75	B	2	2	22,000	....	42	7	64	....	113	Weekly	....	60	60	....	52	....	....	Yes	No.	....	In.
15..	Mo. Woolen Mfg. Co	S	35	B	2	2	6,450	....	7	10	43	....	60	"	....	60	60	....	52	....	....	"	"	....	"
	Totals	....	..	....	....	....	28,450	....	49	17	107	....	173												
	Miscellaneous—																								
16..	Brewery, Joplin	S	140	B W	1	1	.....	....	18	....	....	....	18	Monthly	1	60	60	....	52	....	..	Yes	No.	....	In.
17..	Brick works, Queen City	S	50	....	....	....	.....	....	25	....	....	....	25	Weekly	....	60	60	....	30	....	....	....	....	....	....
18	Canning factory, Spring River P. Co.	S	45	B	2	2	14,000	....	12	....	40	....	52	"	....	60	60	....	28	....	....	Yes	No	....	In.
19..	Evaporator, Magee, J A	S	60	W	1	1	3,500	....	12	....	20	....	32	"	....	60	60	....	18	....	....	"	"	....	"
20..	Lead works. Picher Lead Co	S	100	B	1	1	.....	....	100	....	....	....	100	"	2	48	60	....	41	....	....	"	"	....	"
21..	Lime-kiln, Star Lime works	....	....	....	....	....	.....	....	14	....	....	....	14	"	....	60	60	....	36	....	....	....	....	....	....
22..	Smelter, Empire Zinc works	S	100	W	1	1	.....	..	80	....	..	....	80	Monthly	....	72	60	....	52	....	....	....	..	....	....
	Totals	....	....	....	....	....	17,500	....	261	....	60	....	321												

LAFAYETTE COUNTY.

	Brick yards—																								
1...	Barrea, Robt. B	....	....	....	....	....	....	....	18	....	....	....	18	Weekly	....	60	60	....	....	....	....	....	....	....	....
2...	Farrar, Geo.	....	....	....	....	....	....	....	15	....	....	....	15	"	..	60	60	....	52	....	....	....	....	....	....
	Totals								33	....	....	....	33												
	Canning factory—																								
3...	Silver Canning Co	S	40	W	1 & 2	3	9,600	....	20	....	90	..	110	Weekly	....	60	60	....	20	....	....	....	....	....	....
4...	Chanery, A	S	40	W	1	1	.....	....	70	....	8	..	78	"	..	60	60	....	14	....	....	....	....	....	....
	Totals						9,600	....	90	....	98	....	188												
	Flouring mill—																								
5 ..	Higginsville Milling Co	S	125	W	3	3	12,000	....	10	....	....	....	10	Weekly	....	72	60	....	52	....	....	....	....	....	....
6...	McGrew Milling Co	S	125	B	4	4	38,400	....	10	....	....	....	10	"	....	72	60	....	52	....	....	....	No.	....	....
	Totals	....	....	....	....	....	50,400	....	20	....	....	....	20												
	Miscellaneous—																								
7...	Bee-hive box factory, Leahy Mfg. Co.	S	25	B	2	2	12,000	....	10	5	....	..	15	Weekly	....	60	60	....	52	....	....	....	....	....	....
8...	Furniture factory, Winkler	S	40	B	1 & 2	3	14,400	....	30	....	....	..	30	"	....	60	60	....	....	....	..	....	....	....	....
9...	Hemp factory, Neiblock, Jno	S	40	W	1	1	16 000	....	15	....	....	..	15	"	....	60	60	....	32	....	....	....	....	....	....
	Totals	....	....	....	....	....	42,400	....	55	5	..	..	55												

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

LIVINGSTON COUNTY.

Establishment No.	Name of establishment	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No of accidents in past year	Do doors open in or out?	No of outside fire-escapes
	Miscellaneous—																									
1...	Cigar factory, Booth & Bell			B	2		920	3	6	1	4		11	Weekly		58	60	No	52			Yes	No		In	
2...	Foundry and machine shop, W. F	S	16	B	2	2	9,600		11				11	"		60	60	"	52			"	"		Slide	
3...	Handle Mfg., Ford, W. T	S	25	W	2	2	4,800	22	12	2			14	Optional		60	60	DK	52			"			Out	
	Totals								29	3	4		36													

MONTGOMERY COUNTY.

	Tobacco Co's —																									
1...	Brown Tobacco Co	S	25	B	4	4	24,000	64	75	25	50	25	175	Weekly	7	60	30	No	52			Yes	No		In	
2...	Wellsville Tobacco Co	S	40	BT	4	4	20,848	64	30	21	10	10	71	"	1	60	60	"	36			"	"		"	
	Totals						44,848	168	105	46	60	35	246													

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MARION COUNTY.

	Cigar factories—																									
1..	Holman, Dakin, Cigar Co	...	...	B	2	2	2,400	8	15	5	20	.	40	Weekly	1	48	60	Unkn	52	...	..	Yes	No.	...	In....	...
2..	Kettering, Romber, Cigar Co	..	...	B	2	2	3,520	12	12	3	...	15	30	"	...	48	60	"	52	...	..	Yes	No.	...	In....	...
	Totals	...	...	...	...	...	5,920	20	27	8	20	15	70													
	Planing mills—																									
3..	Hannibal sash, door, blind	...	...	W	3	3	33,750	15	15	...	..	...	15	Weekly	...	60	60	No..	...	...	..	Yes	No.	...	In....	...
4..	Hannibal planing mill	..	...	W	1	1	.....	...	20	..	...	...	20	"	1	..	...	"	50	...	...	...	...	..	.....	...
5..	Hannibal Saw-mill Co	S	600	W B	2	2	.....	...	150	...	...	...	150	"	2	60	60	Unkn	36	...	...	...	...	1	.....	...
6..	Hannibal Sash and Blind Co	..	...	B	2	2	6,000	..	35	...	..	...	35	"	1	60	60	"	52	...	...	Yes	...	3	.....	...
7..	Meyer, J. F., & Co.	S	50	W	2	2	34,400	...	18	...	...	...	18	"	1	60	60	"	50	..	...	Yes	...	...	In.....	...
8.	Patton, J. M	S	150	W B	1 & 2	3	180,000	..	45	...	...	...	45	"	1	60	60	No..	44	..	..	Yes	...	...	In.....	...
	Totals	...	...	...	...	...	254,150	15	283	...	..	...	283													
	Miscellaneous—																									
9..	Treat Man 'g Co., foundry	S	75	W	1	1	8,000	...	40	..	...	..	40	Monthly	4	60	60	Unkn	26	...	..	...	..	...	.....	...
10..	Lime burning, Hannibal Lime Co	S	60	W	1	1	.....	..	60	..	..	...	60	Weekly	...	54	60	"	44	..	...	Yes	No.	..	.....	...
11.	Printing and book B , Standard Co	S		B	3	3	.....	..	25	15	12	...	52	.....	...	59	60	Yes..	52	..	..	Yes	No.	..	In....	...
12.	Locomotive car-shops, H. & St. Joe	S	100	B W	5	5	.....	...	280	...	..	..	280	Monthly	15	54	60	Unkn	52	...	...	Yes	...	..	.....	...
	Totals	..	...	...	...	...	8,000	..	405	15	12	...	432													

NEWTON COUNTY.

	Wagon factories—																									
1...	Clark, Edward	S	25	B	1	1	6,000	.	10	..	...	...	10	Weekly	...	60	60	.....	50	...	..	Yes	...	...	In....	...
2...	Kerk, D. H	S	60	BW	1 & 2	3	36,000	...	8	...	..	...	8	"	...	60	60	.....	52	...	...	"	No.	...	" .. .	...
	Totals	...	...	...	...	..	24,000	...	18	...	...	...	18													
	Miscellaneous—																									
1...	Foundry and M. S., Neosho shop	S	20	B	1	1	12,000	..	30	...	...	...	30	Weekly	...	60	60	.....	52	...	...	Yes	No.	...	In....	...
2...	Plow factory, Alexander & Son	S	16	B	1	1	4,800	..	15	...	...	...	15	"	...	60	60	.....	50	...	...	"	"	...	"	...
3...	Smelting works, Granby M. & S wks	S	60	W	1	1	32,400	...	28	...	...	...	28	Optional	...	60	60	Unkn	52	...	...	"	"	...	.....	...
	Totals	...	...	...	...	...	159,200	..	73	...	...	...	73													

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

NODAWAY COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Cigar factories—																									
1	Henge & Hansen	...	...	B	2	1	600	6	15	...	...	...	15	Weekly	...	48	60	Yes	52	...	...	Yes	...	...	In	...
2	Ream, J. B	...	...	...	2	1	1,200	...	14	...	...	...	14	"	...	48	60	"	...	...	...	"	...	...	"	...
	Totals	...	...	...	...	...	1,800	6	29	...	...	...	29													
	Marble works—																									
3	Maryville Marble Works	...	...	W	1	1	216	...	5	...	...	...	5	Weekly	...	48	..	No	52	...	...	Yes	No	...	In	...
4	Oldfield & Boyer & Co	...	...	W	1	1	1,200	...	8	...	...	...	8	"	...	54	60	"	52	..	..	"	"	...	"	...
	Totals	...	...	...	...	...	1,436	...	13	...	...	...	13													
	Miscellaneous—																									
5	Wagon & carriage factory	...	...	B	2	2	2,400	13	3	...	...	...	3	Weekly	...	60	60	No	20	...	...	Yes	No	...	In	...

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PETTIS COUNTY.

	Cigar factories—																									
1..	Honkomp & Schmidt	...	..	B	1	1	1,000	....	12	...	...	...	12	Weekly	...	48	60	.....	52	...	..	...	...	...	.....	....
2..	O'Brien, James	...	..	B	2	2	4,000	....	20	5	2	...	27	"	....	48	60	.....	...	...	...	...	...	...	.....	....
	Totals	..	...	.....	.....	...	5,000	....	52	5	2	...	39													
	Printing and binding																									
3..	Gazette Printing Co	S	20	B	1	1	1,500	....	9	...	...	...	9	Weekly	...	54	60	.....	52	...	...	...	...	..	.....	....
4..	Sedalia Bazoo	S	20	B	3	3	7,200	....	20	1	2	3	26	"	...	60	60	.....	52	...	...	...	No.	...	.....	....
5	Swalley, H	S	10	B	2	2	5,600	...	4	4	3	....	11	"	...	60	60	.....	52	...	...	...	...	...	.....	....
	Totals	..	...	.....	.....	..	14,300	....	33	5	5	3	46													
	Repair shops—																									
6..	Missouri Pacific repair shop	S	40	W B	1	1	44,100	....	20	...	...	...	20	Mont..ly	15	60	60	.....	52	...	...	...	..	...	.....	....
7..	M., K. & T. repair shop	S	40	B W	1	1	44,100	..	190	...	...	...	190	"	16	60	60	.....	52	...	...	...	...	...	.....	....
	Totals	..	...	.....	....	..	88,200	..	210	...	...	...	210													
	Miscellaneous—																									
8..	Agr. Imp., Barley, J. H. & Bro.	S	10	W	1	1	.....	...	10	...	...	..	10	Weekly	...	60	60	.....	52	...	...	...	...	...	.....	....
9..	Brewing Co., Sedalia	S	150	W	1 & 2	3	.....	..	10	..	...	...	10	Monthly.	1	60	60	....	52	...	...	...	...	...	.....	....
10..	Candy Co., Sedalia	...	..	B	1	1	720	....	8	3	...	7	18	"	1	60	60	.....	52	...	...	...	...	...	.....	....
11..	Carriage factory, Kelk Bros	S	8	B	2	2	.....	..	20	...	..	...	20	Weekly	...	60	60	.....	52	...	...	...	...	...	.....	....
12..	Electric Light Co., Sedalia	S	200	B	1	1	.....	..	7	..	..	...	7	Monthly.	1	60	60	.....	52	...	...	...	...	...	.....	....
13..	Flour mill, Zimmerman & Harter	S	80	B	2	2	24,000	..	10	..		...	10	Weekly	....	72	60	.....	52	..	...	...	...	...	.....	....
14..	Furnishing Goods Fac., Lamy & Co.	...	....	B	2	2	9,600	....	2	...	75	...	77	"	.	60	60	....	52	...	...	...	...	..	.....	....
15..	Furniture Fac., Keck & Dickman	S	50	W	2	2	45,000	...	12	...	...	...	12	"	...	60	00	.....	52	...	...	...	...	...	.....	....
16..	Gas, Sedalia Co.	S	5	B	1	1	.....	...	8	...	...	...	8	"	...	60	60	.....	52	...	...	...	...	...	.....	....
17..	Planing mill, Sedalia	S	50	W	2	2	960	..	20	..	...	...	20	"	...	60	60	.....	52	...	...	...	...	...	.....	....
18..	Woolen M., Cain Bros. & Hutchinson	...	....	B	1	..	3,600	....	5	4	5	..	14	"	...	60	60	.....	36	...	...	...	...	...	.....	....
	Totals	...	...	.....	.....	...	83,880	...	112	7	80	7	206													

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

SALINE COUNTY.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weekly)	Running part time (Weekly)	Entirely closed (Weekly)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Brick and tile works—																									
1	Merpins & Rose Bros	S	18						14				14	Weekly		54	60		26							
2	Strop, Geo								13				13	"		54	60		25							
3	Yeager, Gilman	S	20						10				10	"		54			30							
	Totals								37				37													
	Flouring mills—																									
4	Rea & Page Milling Co	S	80	B	4	4	48,000		7				7	Weekly		72	60		48							
5	Sweet Springs Milling Co	S	150	W	3	3	14,400		16				16	"	1	72	60		44							
	Totals						62,400		23				23													
	Miscellaneous—																									
6	Cannery, S. B. Silver	S	70	W	1	1	7,500		40	15	10		65	Weekly		60	60		12							
7	Foundry and machine shop, Rich Hill	S	15	W	1	1	7 500		6				6	"		60	60		52							
	Totals						15,000		46	15	10		71													

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ST. LOUIS COUNTY.

	Flour mills—																									
1...	**Hilbert Bros. Milling Co.**	S	50	B	3	3	4,800	32	3	....	....	....	3	Weekly.	....	90	....	No.	52	....	....	Yes	No.	....	In.	....
2...	**Monitor mill**	S	60	W	3	3	12,000	30	3	....	....	....	3	"	....	60	60	"	26	....	....	"	"	....	"	....
	Totals	....	....	....	....	....	16,800	62	6	....	....	....	6													
	Newpapers and job printing—																									
1...	**Argus office**	S	10	B	2	2	2,500	8	7	....	....	....	7	Weekly.	....	59	60	Yes.	52	....	....	Yes	No.	....	In.	....
2...	**St. Louis County Watchman**	H	....	W	1	1	2,000	14	7	....	....	....	7	"	....	59	60	Unkn	52	....	....	"	"	....	"	....
	Totals	....	....	....	....	....	4,500	22	14	....	....	....	14													
	Wagon-makers and blacksmithing—																									
1...	**Anton Butz**	H	....	W	2	2	3,000	6	3	....	....	....	3	Weekly.	....	50	60	No.	52	....	....	Yes	No.	....	Out.	....
2...	**Schuer, G. H.**	H	....	W	1	1	1,500	8	3	....	....	....	3	"	....	57	60	"	52	....	....	"	"	....	"	....
3...	**Worthen, C.**	H	....	W	1	1	2,400	6	6	....	....	....	6	"	....	54	60	"	52	....	....	"	"	....	"	....
	Totals	....	....	....	....	....	6,900	20	12	....	....	....	12													
	Miscellaneous—																									
1...	Box packing, Boeeler, H.	S	5	W	2	2	3,200	20	3	....	....	....	3	Weekly.	....	60	60	No.	52	....	....	Yes	No.	....	In.	....
2...	Coffin & cabinet maker, Schrader, G. F	H	9	W	1	1	600	4	2	....	....	....	2	"	....	57	60	"	40	....	....	"	"	....	"	....
3...	Harness maker, Wagner, Louis	H	....	W	2	2	1,500	3	2	....	....	....	2	"	....	55½	60	"	52	....	....	"	"	....	"	....
4...	Photographic supplies, Seed, M. A.	S	130	B & F	3	3	18,600	123	110	....	59	....	169	"	1	60	60	Unkn	52	....	....	"	"	....	"	....
5...	Soda water factory, Stoecker, Fred	H	....	W	2	2	1,250	3	1	1	....	....	2	"	....	51	Op.	No.	26	....	....	"	"	....	"	....
6...	Tin and sheet iron workers, Strazer, J	H	....	W	2	2	1,200	4	2	....	....	....	2	"	....	57	90	"	52	....	....	"	"	....	"	....
	Totals	....	....	....	....	....	26,350	157	120	1	59	....	180													

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VERNON COUNTY.

Establishment No.	Name of establishment.	Kind of power	No of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No of accidents in past year	Do doors open in or out?	No. of outsiders, fire-escap.
...	Brick yard— J. A. Daly	S	25						40				40	Monthly	1	60	60		34							
2...	Cigar factory— Seashultz, Phil.			B	1	1	880		6				6	Weekly		48	60	No.	52							
3...	Foundry and cornice works— Eldridge Bros.	S	8	W	1	1	12,000		20				20	Weekly		60	60		52							
4...	Printing office— Nevada Mail	E	4	B	1	1	3,600		4		3		7	Weekly		60	60		52							
5...	Wagon and carriage factory— Bacon, H. K.			B	1	1	9,000		12				12	Weekly		60	60		52							
6...	Zinc works— Langon, Robt. & Co.	S	75	W	1	1			140				140	Monthly	10	72	60		52							

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ST. LOUIS.

	Agricultural implements—																									
1	Field, J. A., Mfg Co	H	....	B	2 & 3	5	14,600	54	6	....	....	....	6	Weekly	....	60	60	Unkn	....	....	....	Yes	No.	....	Both	....
2	Kingeland & Douglas Mfg. Co	S	78	B&W	2 & 1	3	84,250	181	250	....	....	....	250	"	1	57	45	"	52	....	....	"	"	....	"	....
3	Whitman Agricultural Co	S	50	B S	1,2&3	6	86,250	170	200	....	....	....	200	Bi-wkly	....	60	45	"	52	....	....	"	"	....	"	3
	Totals		....	....	....	....	185,100	405	456	....	....	....	456													3
	Architectural Iron Works—																									
4	Christopher & Simpson	S	40	B	1,2&3	6	60,000	149	125	....	....	....	125	Bi-wkly	....	60	60	Yes	52	....	....	Ye	No	....	In	....
5	Hopman, H., & Son	H	....	B	1	1	4,950	6	11	....	....	....	11	Weekly	....	57	60	No	52	....	....	"	"	....	"	....
6	Gnerdan, F.	S	4	B	2	2	3,750	20	6	....	....	....	6	"	....	57	45	Unkn	52	....	....	"	"	....	"	....
7	Mac Murry-Judge, The	S	75	B	1 & 2	3	....	170	140	....	....	....	140	Bi-wkly	2	60	60	Yes	30	20	2	"	"	1	Slide	....
8	Meaker & Bro.	S	50	W&I	4	4	57,320	107	175	....	....	....	175	Weekly	1	60	60	No.	46	6	....	"	"	3	In & sl	....
9	Pullis Bros Mississippi Iron Works	S	50	B	1 2& 3	5	43,800	160	100	....	....	....	100	Bi-wkly	....	60	60	Unkn	40	12	....	No.	"	....	"	....
10	Sandmann, Theo	H	....	B	2	2	2,880	20	7	....	....	....	7	Weekly	....	60	60	Unkn	40	12	....	Yes	"	....	In	....
11	Scherpe & Koken A. I. Co	S	....	B	1&3	4	149,000	194	210	....	....	....	210	"	1	60	50	Unkn	52	....	....	"	Yes	....	Slide	....
12	Union Iron & Foundry Co, The	S	30	B&I	1&2	2	37,500	117	57	....	....	....	57	"	1	60	60	Yes	52	....	....	"	No.	....	Both	....
	Totals		....	....	....	....	359,200	943	831	....	....	....	861													
	Awnings—																									
13	Baptiste, Alex	H	....	B	3	2	2,640	9	3	....	3	....	6	Weekly	....	57	60	No.	40	12	....	Yes	No	....	In	....
14	Dough rty Bros	E	....	B	2	2	5,520	12	8	....	15	....	23	"	....	60	60	Unkn	52	....	....	"	"	....	"	....
15	Landmann, F. R	H	....	B	2	1	375	4	2	....	3	....	5	"	....	60	60	No.	52	....	....	"	"	....	"	....
16	Missouri Tent & Awning Co	E	3	B	4	4	19,800	87	25	....	75	....	100	"	....	54	30	Unkn	51	....	1	"	"	....	Both	2
17	Morrison, Thomas	H	....	B	4	4	12,000	44	13	....	18	....	31	"	....	60	60	"	50	2	....	"	"	....	In	....
18	Mound City Tent & Awning Co	E	6	B	4	2	4,600	20	7	....	12	....	19	"	....	54	60	"	52	....	....	"	"	....	"	....
19	Rippe, Charles	E	2	B	4	4	9,600	24	4	....	6	....	10	"	....	45	60	"	40	12	....	"	"	....	Out	....
20	U. S. Tent & Awning Co	H	....	B	3	3	3,375	18	2	....	2	....	4	"	....	60	60	"	52	....	....	"	"	....	In	....
21	Werzel, H	H	....	B	3	2	3,000	6	3	....	5	....	8	"	....	60	60	"	52	....	....	"	"	....	"	....
22	Zittlosen Tent & Awning Co	E	2	B	4	4	12,500	20	8	....	17	....	25	"	....	60	30	"	52	....	....	"	"	....	"	....
	Totals		....	....	....	....	73,410	244	75	....	156	....	231													2
	Bags and bagging—																									
23	American Mfg. Co., The	S	200	B	1,2&3	6	67,500	70	34	24	124	10	192	Bi wkly	7	60	30	Unkn	49	....	3	Yes	No	1	In & sl	....
24	American Mfg Co, The	S	250	B	3	3	28,800	92	128	5	207	30	370	"	7	60	30	"	46	....	6	"	"	..	Both	....
25	Bemis Bros	S	100	B	6	6	84,000	150	75	....	100	....	175	Weekly	1	59	30	No.	52	....	....	"	"	1	In	3
26	Chase, H & L	S	60	B	5	5	45,000	150	25	....	100	....	125	"	1	60	30	Unkn	52	....	....	"	"	....	"	1
27	Cupples, Samuel, Paper Bag Factory	S	40	B	5	2	20,000	100	40	....	30	....	70	"	....	60	30	"	52	....	....	"	"	....	Out	4
	Totals		....	....	....	....	245,300	562	302	29	561	40	932													8

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weekly)	Running part time (Weekly)	Entirely closed (Weekly)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Bakeries—																									
27½	Dozier Bakery, The	S	100	B	3, 2	6	71,275	125	97	....	70	....	167	Weekly	....	60	30	Unkn	52	....	....	Yes	No	....	In	....
28	Condon, A. A	G	7	B	2	2	10 000	22	14	....	....	....	14	"	....	60	30	"	52	....	....	"	"	..	Both	....
29	Manewal-Lange Bakery	S	30	B	2 & 2	4	26,000	17	50	....	30	....	80	"	6	54	60	No	27	15	....	"	"	....	Slide	....
30	McKinney's Bakery	H	....	B	3	1	2,000	10	8	....	....	....	8	"	....	60	60	Unkn	52	....	....	"	"	....	In	....
31	Mohr, Leopold	H	....	B	2	1	1,500	10	6	....	....	....	6	"	....	60	60	"	52	....	....	"	"	....	"	....
32	Perry, Ira, Pie Co	H	....	B	3	1	2,240	10	25	....	....	....	25	"	....	48	Un	"	52	....	....	"	"	....	"	....
33	Sparks, John	S	5	B&W	1	1	800	6	4	1	....	....	5	"	....	60	60	No	52	....	....	"	"	....	"	....
34	Sprague's Delicatessen Bakery	H	....	B	2	1	675	5	7	....	2	....	9	"	....	70	60	"	52	....	....	"	"	....	"	....
35	Vienna Model Bakery	S	15	B	2	1	6,300	4	18	....	....	....	18	"	....	72	30	"	52	....	....	"	"	....	Out	....
36	Wells-Boettler Bakery Co.	G	15	B	2	....	17,600	52	32	8	....	....	40	"	....	66	Op.	Unkn	52	....	....	"	"	1	In	....
	Totals	..	..	....	....	....	138,390	261	261	9	102	....	372													
	Basket factories—																									
37	Jeffrey, S. M	H		B	1	1	2,860	17	1	2	9	....	12	Weekly	..	54	60	No	36	16	....	Yes	No	....	In	....
38	St. Louis Basket and Box Factory	S	150	B	4	4	26,400	90	40	35	50	....	125	Bi-wkly	2	60	50	"	52	....	....	"	"	1	"	....
	Totals	....	..	....	....	....	29,260	107	41	37	50	....	137													
	Bath-tubs—																									
39	Cahill & Collins	S	30	B & I	1	1	3,200	12	35	....	....	....	35	Weekly	....	60	60	Unkn	52	....	....	Yes	No	....	In	....
40	Western Bath-tub and Mfg Co	S	75	B	2 & 3	5	10,446	94	22	....	....	....	22	"	..	60	60	"	48	52	....	"	"	....	In & sl	....
41	White, P., sanitary and bath-tubs	S	25	B	2	2	4,500	58	20	....	....	..	20	"	..	60	60	"	....	..	..	"	"	....	In	....
	Totals	....	....	....	....	..	18,146	164	77	..	....	..	77													

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	[illegible]																									
42	Kerwin, Daniel	S	15	B W I	2	1	2,560	3	8	...	...	...	8	Weekly	..	60	60	Unkn	40	12	..	Yes	No	...	In	...
43	Manion, P P	S	10	B	3 & 2	4	1,400	18	7	...	...	...	7	"	..	54	60	"	38	14	..	"	"	...	"	...
44	St Louis Sectional Dock Co	S	120	W	1	1	30,000	.	150	...	...	...	150	"	...	60	60	"	40	12	..	"	"	..	...	...
	Totals	...	..	...	...	...	33,960	21	165	...	...	...	165													
	Boiler works—																									
45	Carondelet Boiler and S. I works	S	25	W&I	2	1	4,800	..	35	..	...	...	35	Bi-wkly	...	60	30	No	52	...	...	..	No	...	Out	...
46	O'Brien, John, Boiler works Co	S	50	W&I	2 & 1	3	110,000	.	115	15	...	...	130	Weekly	..	57	60	Unkn	52	..	...	.	"	...	...	...
47	Rohan Bros. Boiler Mfg. Co	S	80	B	2 & 1	3	50,000	86	167	...	...	...	167	"	1	60	45	Part	52	...	..	Yes	"	1	Slide	...
48	Southern Boiler and S I. works	S	55	B 1W	2 & 1	3	40,500	85	66	.	...	...	66	"	..	60	60	Unkn	52	...	..	"	"	...	In & sld	...
49	Wangler, Jos , F. B. and S. I. wks	S	100	B	2 & 1	2	23,125	84	100	...	...	...	100	"	1	57	60	"	52	...	..	"	"	...	"	...
	Totals	...	...	...	...	..	228,425	255	483	15	...	...	498													
	Bone-black factories—																									
50	Bruner, Geo , F Mfg. Co	S	100	B&W	1	1	38,000	80	25	...	...	...	25	Weekly	...	60	60	Unkn	52	...	..	Yes	No	...	Both	...
51	Knoblanch, C. O	S	3	"	1	1	3,500	8	5	...	..	...	5	"	..	60	60	No	40	12	...	No	"	...	None	...
52	Mathason, P. B. & Co	S	150	"	2	2	85,000	50	35	...	...	...	35	Bi-wkly	...	60	60	"	52	...	..	Yes	"	..	In & sld	...
53	Mayer, A. B	S	142	"	3 & 2	5	52,500	132	30	...	...	...	30	"	.	60	60	"	52	..	..	"	"	.	"	...
54	West St. L Bone-black Neats-foot Oil and Glue works	S	50	"	2	2	60,000	61	12	...	...	...	12	"	.	60	60	"	36	16	..	"	"	...	Both	...
	Totals	..	..	...	...	...	239,000	331	107	...	...	...	107													
	Bonnet and Hat frames—																									
55	Clark, Sylvester	H	..	B	3	1	1,000	5	...	...	9	...	9	Weekly	...	60	60	No	16	36	...	Yes	No	...	In	...
56	Judge, Sylvester C	H	..	B	2	1	3,000	14	4	...	21	..	25	"	...	60	60	"	17	35	...	"	"	...	In & sld	...
	Totals	...	...	...	...	...	4,000	19	4	...	30	..	34													
	Book-binders—																									
57	Beckold & Co	S	50	B	4	2	15,000	60	100	...	50	..	150	Weekly	...	59	30	Part	38	14	..	Yes	No	...	Both	2
58	Keim & Seligman	S	...	B & S	4	1	2,000	9	9	3	8	...	20	"	..	59	60	Unkn	52	..	...	"	"	...	In	1
59	Wissman, C	H	...	B	3	2	1,610	12	3	...	3	...	6	"	...	60	30	No	52	...	...	"	"	..	"	...
	Total						18,610	81	112	3	61	...	176	...	...	...	...	...	..	...	..	...	...	...	...	3
	Bottle packing—																									
60	Schoenthaler Mfg. Co	S	25	B	3 & 1	4	12,580	44	10	...	5	...	15	Weekly	...	60	60	Unkn	52	...	...	Yes	No	...	In	...
61	Yocum & Kacer Mfg. Co	S	30	B&W	2	2	4,800	34	16	...	11	...	27	"	...	57	60	No	40	12	...	"	"	...	"	...
	Totals	...	...	...	...	...	17,380	78	26	...	16	...	42													

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CONDITION OF FACTORIES AND WORKSHOPS—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Box factories—																									
62	Alt, Henry, Jr., & Co.	S	75	B	1	....	3,500	16	35	....	....	....	35	Bi-wkly.	....	54	60	Unkn	52	....	....	Yes	No	..	In	....
63	Alton box factory	S	100	B	3	3	16,500	55	55	....	....	....	55	Weekly	....	60	45	"	52	....	....	"	"	....	In & sl.	....
64	American box factory	S	15	B	2	2	3,000	20	15	....	....	....	15	"	....	57	45	"	50	....	2	"	"	....	In	....
65	Darling, W. A	H	....	B	4	2	4,000	17	6	....	....	....	6	"	....	60	30	No	20	32	....	"	"	....	"	1
66	Eagle box Mfg. Co.	S	80	B	2	2	5,120	36	80	....	....	....	80	"	....	60	60	"	48	....	4	"	"	....	"	....
67	Fellg Bro.s' Box Mfg. Co	S	75	B	2	2	6,800	29	43	....	....	....	43	"	....	57	45	Unkn	52	....	....	"	"	....	Slide.	....
68	Goessling, Wm. F. Union Box Co	S	90	BWI	2	2	4,375	40	22	....	....	....	22	"	....	60	60	"	52	....	....	"	"	2	In	....
69	Johnson, H. B. & Co., Mullanphy box factory	S	10	B	3	1	3,200	16	15	....	....	..	15	"	....	55	60	"	52	....	....	"	"	....	"	2
70	Mound City Box Co.	S	10	BWI	2	1	2,400	10	10	..	..	....	10	"	....	54	60	No	52	....	....	"	"	....	"	....
71	Poorman, H. B., Box Mfg. Co	S	60	B	2 & 1	2	10,500	8	28	..	....	..	28	"	....	60	30	Unkn	52	....	....	"	"	....	"	....
72	Reisner, Aug., Bremen box factory	S	18	B	2	2	2,975	23	8	....	....	....	8	"	....	60	60	"	52	....	....	"	"	....	"	....
73	Standard box factory	S	60	B	2 & 1	3	16,200	36	41	..	....	....	41	"	....	60	60	"	52	....	....	"	"	1	"	....
74	St. Louis box factory	S	35	BW	2	2	4,000	11	15	..	2	....	17	"	....	60	60	No	42	10	....	"	"	....	"	....
75	St. Louis Box Co.	S	250	B	3	3	20,250	134	90	35	....	....	125	"	....	60	60	Unkn	50	....	2	"	"	1	"	....
76	Wellhoener's box factory	S	40	W	2	1	8,000	30	15	....	....	....	15	Bi-wkly.	....	55	60	No	52	....	....	"	"	....	Slide.	....
77	Wilkinson, James	H	....	BW	2 & 1	3	5,480	3	6	....	....	....	6	Weekly	..	60	60	Unkn	13	39	....	"	"	....	In	....
	Totals	..	....	....	....	..	116,300	484	434	35	2	....	471													
	Brass workers—																									
78	Bonecum, John E.	H	....	B	2	2	2,990	8	5	..	....	....	5	Weekly	....	59	60	Unkn	52	....	....	Yes	No	....	In	....
79	Central Union Brass Co.	S	50	B	4 & 3	2	18,200	46	27	....	..	....	27	"	....	60	60	"	52	....	....	"	"	....	"	1
80	Chamberlin, O. P.	H	....	B	1	1	1,000	6	3	..	....	....	3	"	....	54	60	"	52	....	....	"	"	....	"	....
81	Donernheim & Lupfer	E	6	B	3	1	1,200	3	8	..	....	....	8	"	....	60	60	"	52	....	....	"	"	....	"	....
82	Fries, L. P. & Son	S	6	B	3	1	1,400	4	5	..	....	....	5	"	....	60	60	No	52	....	....	"	"	....	"	....
83	Garratt, J. W. & Co.	S	9	B	1 & 2	3	14,000	82	29	..	..	....	29	"	....	57	30	Unkn	52	....	....	"	"	....	In & sl	....
84	Gregg, G. W.	H	....	B	2	2	2,000	6	6	..	..	....	6	Bi-wkly	....	54	60	Yes	52	....	....	"	"	....	In	....

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85	Kupferle Bro s' Mfg. Co	S	14	B	4		17,000	88	61				61	Weekly	1	60	30	Unkn	52								
86	Messmer, Fred	S	10	B	3	3	4,440	48	15				15	"		60	60	"	52			"	"			"	
87	More, Jones & Co	S	25	B	1	1	7,250	25	16				16	"		54	60	"	52			"	"			Both	
88	Stuckstede, Hy, Bell Foundry Co	S	7	B	1	1	5,750	18	13				13	"		60	60	No	52			No.	"			In	
89	Western Brass Mfg Co., The	S	30	B	4	4	49,300	200	56				26	"	1	55	30	Unkn	50		2	Yes	"			"	1
	Totals						125,130	479	244				244														
90.	American Brewing Co., The	S	600	B	6, 4&1	11		150	70				70	Weekly.		64	60	Unkn	18			Yes	No.			Both	1
	Anheuser-Busch Brewing Ass'n—																										
91.	Stock-houses, Ref'r, machine-h'se	S	3000	B	2 to 6	All	127,266	612	425				425	"		60	60	Yes.	52			"	Yes	1		Slide	4
92	Bottling department	S	275	B	2 & 3	5	½ block	200	525				525	"		54	60	Unkn	52			"	No			In	
93	Wash-house department	S	350	B	1	1	86,244	81	101				101	Bi-wkly		60	60	Part.	52			"	"			Slide	
94.	Brewery stables			B	2	2	48,000	130	65				65	"		60	60	Yes	52			"	"			Out	
95	Ice-house and machinery	S	3000	B	3	3	360,380	60	44				44	"		84	60	No	52			"	"			Out&sl	
96.	Paint-shop	H		B	2	2	14,000	38	25				25	Weekly.		54	60	Unkn	52			"	"			In	
97.	Railway shipping department	H		S & B	1	1	52,500	40	100				100	"		60	60	"	52			"	"			Slide	
98.	Drying plant	S	50	S & B	1 & 4	5	38,120	64	10				10	"		60	30	No.	33	19		"	"			Both	
	Totals						721,510	1375	1365				1365														5
99.	Lemp's, Wm. J., Western brewery	S	1800	B S W	3 to 6	All	2 blocks	800	500				500	Bi-wkly	5	61	60	Part.	52			Yes	No.	1		Both	6
100.	Obert's, Louis, Arsenal brewery	S	500	B	2 to 5	"	1 block		47				47	"		63	66	Yes	42	10		"	"			"	2
	Totals						3 blocks	800	547				547														8
	Association breweries—																										
101	Anthony & Kuhn brewery	S	154	B	2, 3&4	9	1 block		80				80	Bi-wkly		63	60	Unkn	52			Yes	No.			In	
102	Brinkwerth-Nolke's brand	S	610	B & S	3, 4&5	12	39,375	100	55				55	"		63	60	"	52			"	"			Both	3
103	Bremen brewery	S	200	B	2, 3&6	11	36,000	100	8				8	"		63	60	"	20		32	"	"			"	
104	Cherokee brewery	S	157	B S&I	2, 3&4	9	¼ block		30				30	"		60	60	"	52			"	Yes			"	
105.	Excelsior brewery	S	265	B & S	2	2	7,500		83				83	"		60	60	"	52			"	No			"	
106	Green Tree brewery	S	195	B & S	2 & 3	5	¾ block		82				82	"		62	60	Yes	52			"	"			In	1
107.	Griesedick's, A., brewery	S	100	B	2, 3&4	9	"		67				67	"		63	60	Unkn	52			"	"			Both	
108.	Grone's, H., Clark Ave. brewery.	S	60	B & S	1 & 3	4			47				47	"		60	60	"	52			"	"			In	
109	Hyde Park brewery	S	178	B	3 & 2	5	½ block	300	64				64	"		63	60	Yes	52			"	"			Both	
110	Klausmann Broadway brewery	S	250	B & S	2, 3&4	9			55				55	"		63	60	Unkn	52			"	"			"	
111.	Liberty Brewery, branch	S	105	B	2 & 4	6	17,500	86	21				21	"		63	60	"	52			"	"			"	
112	Schnaider, Jos	S	130	B & S	2 & 3	5	1 block		45				45	"		62	60	"	52			"	"			"	
113	Schilling-Schneider brewery	S	25	B	2 & 3	5	½ block	90	20				20	"		63	60	"	52			"	"			In	
114.	Stifel, Chas. G., brewery, branch	S	570	B	2, 5&6	13	1 block	200	52				52	"		63	60	"	52			"	"			Both	2
115.	Wainright's brewery	S	100	B	5 to 7		"		79				79	"		60	60	"	52			"	"			"	4
116	Winkelmeyer, Julius	S	230	B	2, 3&7	11			54				54	"		63	60	"	52			"	"			"	2
	Totals						99,375	875	842				842														12
117.	Schweer's, Theo., Our Favorite	S	8	B	1	1	2,450	14	18				18	Weekly.		60	60	No.	52			Yes	No.			In	

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establisement.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. of square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Weiss beer breweries—																									
118	American Weiss beer breweries	S	3	B	1	1	1,152	4	4				4	Weekly		60	60	No.	15		17	Yes	No		Out	
119	Berlin Weiss beer brewery	H		B	2	2	1,600	12	7				7	"		60	60	Unkn	52			"	"		In	
120	Stettner & Thoma	H		S & W	2½&1	3½	2,430	20	6				6	"		60	60	"	52			"	"		"	
121	St. Louis Weiss beer brewery	S	10	B&W	1	1	2,125	13	9				9	"		60	60	No.	28	24		"	"		"	
122	Wittemann, Rost & Co.	H		B	2	1	2,600	12	7				7	"		60	60	"	52			"	"		"	
	Totals						9,907	61	33				33													
	Brick works—																									
123	Central Brick works	S	10	B	1	1	2,400		35				35	Bi-wkly		60	60	Unkn	30	22		Yes	No			
124	Hydraulic Press Brick Co	S	440	B&W	1	1			481	113			594	"	1	60	45	"	50	2		"	"			
	Totals						2,400		516	113			629													
	Broom factories—																									
125	Cupples, Samuel, Broom factory	S	40	B	5	1	10,000	56	55		5		60	Weekly		60	30	Unkn	46		6	Yes	No		Out	4
126	Eberling & Hank	H		B	1	1	700	4	3				3	"		60	60	No.	20		32	"	"		In	
127	Owens, S	H		B	4	2	3,520	3	7				7	"		60	60	Unkn	52			"	"		"	
128	Thompson, H	H		B	2	1	750	3	9				9	"		57	45	No.	52			"	"		"	
	Totals						14,970	66	74		5		79													4
	Brush factories—																									
129	Betzoll, Wm. & Son	H		B	2	1	1,875	7	16				16	Weekly		48	60	Unkn	52			Yes	No		Both	
130	Costello, J. S. & Son	H		B & S	3	2	600	5	9				9	"		60	60	"	52			"	"		In	
131	Deamm, John	H		B	2	1	500	3	5				5	"		60	60	No.	52			"	"		"	
132	Finley, August	H		B	2	1	800	2	3		2		5	"		60	60	"	52			"	"		"	
133	Schelbrink, Joseph F	H		B	3	2	1,200	9	18				18	"		60	60	"	52			"	"		"	
134	Star Brush factory	H		B	5	2	1,700	3	5				5	"		60	60	Unkn	52			"	"		"	

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135	St. Louis Steel Wire Brush Co	E	3	B	2	1	1,260	14	8				8	"		6	60	No.	52			"	"		"		
136	Unger, H. & Co	H		B	3	1	700	3	6				6	"		60	60	"				"	"		"		
	Totals						8,135	46	70		2		72														
	Butchers' supplies—																										
137.	Brecht, Gus. V.	S	50	B	4,3,1	8	22 000	52	27				27	Weekly	1	60	60	Unkn	50		2	Yes	No.	1	In&sld		
138	St. Louis Butchers' supplies	S	25	B	2	1	1,750	12	8				8	"		57	30	"	52			"	"		Both		
	Totals						23,750	64	35				35														
	Cabinet makers—																										
139	Fichtel, B.	S	12	B	2	2	4,400	36	7				7	Weekly		57	60	Unkn	52			Yes	No.		In		
141	Koken Barber Supply Co.	E	3	B	3	3	8,500	34	20				20	"		60	60	"	52			"	"		"		
140	Koken Barber Supply Co.	S	25	B	3	3	7,375	24	24				24	Bi-wkly.		57	60	"	52			"	"		"		
142	Plumber's Cabinet Co	S	15	B	3	3	4,500	49	6				6	"		57	60	"	6		46	"	"		"		1
143	Prufrock, W	S	60	B	3	3	12,000	70	30				30	Weekly		48	60	"	52			"	"		Both		
	Totals						36,775	213	87				87														1
	Candy factories—																										
144	Blanke Bros. Candy Co	S	16	B	4	4	13,650	64	101		99		200	Weekly		60	60	Unkn	52			Yes	No.		In		2
145	Candy Bros	H		B	4	1	2,500		3		4		7	"		60	30	"	26		26	"	"		"		
146	Dodge & Seward Confectionary Co.	S	60	B	5	4	2,700	42	30		60		90	"	1	59	30	Yes	50	2		"	"		"		
147	Douglas, Walter	H		B	1	1	375	4	2	1			3	"		60	60	No.	52			"	"		"		
148	Flohr, Walter Candy Co.	S	25	B	4	4	21,600	40	50		50		100	"		60	60	Unkn	50	2		"	"		"		1
149	Goelitz Bros. Candy Co	H		B	4	3	5,940	20	12		24		36	"		60	30	"	48	4		"	"		"		
150	Murphy & Switzer.	S	8	B	5	2	4,400	12	6		12		18	"		59	30	"	52			"	"		"		1
151	Peckham, O. H., Candy Mfg. Co	S	50	B&W	7	7	53 800	10	150		50		200	"		59	30	"	52			"	"	2	"		1
152	Seydel, M. C., & Co	H		B	5	3	6,600	18	3		4		7	"		60	30	"	52			"	"		Both		
153	St. Louis Candy Co.	S	30	B	4	3	22,500	24	75		75		150	"		58	60	"	52			"	"		In		2
154	Wenneka Morriss Candy Co.	S	30	S & B	5	5	24,000	70	35		30		65	"		60	60	"	52			"	"		Both		1
155	Wurtz, Geo. & Co.	H		B	3	1	2,750	8	3		4		7	"		60	60	"	52			"	"		In		
	Totals						165,815	512	470	1	412		883														8
	Car brakes—																										
156	American Brake Co., The	S	125	B	1 & 2	3	34,710	94	200				200	Weekly	1	60	60	Unkn	52			Yes	No		In		
157	Lausberg Brake Co., The	S	10	B	2 & 1	2	5,215	23	15				15	"		60	60	"	26		26	"	"		"		
	Totals						39,925	117	215				215														
	Car builders—																										
158	Brounell & Wright Street Car Co	S	125	B swl	3,2&1	6	53,700	301	95				95	Weekly		58	37	Unkn	40	12		Yes	No.		B & sl		
159	Laclede Car Co	S	150	B&W	2 & 1	3	72,000	380	175				175	Bi-wkly		57	30	"	52			"	"		"		
160	Missouri Car & Foundry Co	S	700	B S W	1	1			600				600	Monthly		60	60	"	51		1	"	"	3	Both		
161	St. Louis Car Co.	S	200	B & I		9	91,500	540	285		5		290	Weekly	2	60	40	"	52			"	"	3	"		3
	Totals						217,200	1224	1155		5		1160														3

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minute allowed for dinner	Do employes belong to labor organization	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entry closed (Weeks)	Are doors unlocked during hours of labor	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Carpet-cleaning works—																									
162	Hartenbach, C.	S	10	B	2	2	4,290	24	10				10	Weekly		60	60	Unkn	40	12		Yes	No.		In & sl.	
163	Lanham Steam Carpet Cleaning Co.	S	10	B	2	1	4,050	15	5				5	"		54	60	No	35	17		"	"		In	
164	Star Carpet Cleaning Co.	S	20	B	1	1	3,600	8	4				4	"		60	60	"	32	20		"	"		"	
165	Southern Steam Renovating and Carpet Cleaning Co.	3	6	I & W	2 & 1	3	8,700	24	4				4	"		60	60	"	52			"	"		"	
	Totals						20,640	71	23				23													
	Carriage and wagon factories—																									
166	Bauer-Walter Buggy & Carriage Co.	S	100	B	3 & 2	5	106,300	73	97		3		100	Weekly		54	60	Part	50		2	Yes	No.		In & Sl.	
167	Bersch, Edward	H		B	3	3	6,825	31	8				8	"		57	60	Unkn	54			"	"		In.	
168	Bollwerk, H. Jr. & Bro.	H		B	2	1	1,800	4	5				5	"		60	60	"	52			"	"		"	
169	Clarke, C. B.	S	10	B	1	1	5,000	19	15				15	"	1	54	60	"	52			"	"		"	
170	Cooke, Reimann & Co	H		B	2	2	4,500	25	8				8	"		60	60	"				"	"		"	
171	Cooney, P. J.	S	10	B	3 & 2	5	11,025	55	22				22	"		60	60	"	50		2	"	"		"	
172	Creveling & Reynolds	H		B	3	2	4 000	16	6				6	"		57	60	"	52			"	"		In & Sl	
173	Deischert, Wm	H		B	3 & 2	3	3,150	18	10				10	"		57	60	"	52			"	"		In.	
174	Dugan & Sauerbrun	H		B	3 & 2	3	5,300	52	15				15	Bi-wkly.		57	60	"	52			"	"		"	
175	Embree McLean Carriage Co	S	50	B	3	3	21,000	37	50		2		52	Weekly	1	57	60	Part.	46		6	"	Yes		"	
176	Engler, J. M.	H		B	2	1	800	6	3				3	"		60	60	No	26	26		"	No.		"	
177	Graves, Chas. R.	H		B	2	2	12,000	37	18				18	"		60	60	Unkn	52			"	"		"	
178	Hammell, Ed.	H		B	1	1	2,500	8	6				6	"		60	60	"	52			"	"		"	
179	Hanley, James	H		B	2	2	10,000	40	12				12	"		60	60	"	52			"	"		Slide	
180	Haydock, D. W.	S	75	B	1	1	262,500	75	201		4		205	"	1	60	60	"	52			"	"		In & Sl	
181	Haydock Bros	S	360	B & S	7	7	224,700	617	320		8		328	"	2	54	60	"	52			"	"		Both	3
182	Heintze, Geo	H		B W	2 & 1	3	5,100	29	13				13	"		60	60	"	52			"	"		In.	
183	Kern, Joseph	H		B	3 & 2	5	16,050	41	16				16	"		60	60	"	52			"	"		"	
184	Klag, John	H		B W	3	3	8,400	108	8				8	"		60	60	No	52			"	"		Both	
185	Kurtz, Frank J.	H		B	2	1	1,190	8	8				8	"		60	60	Unkn	52			"	"		In.	

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186	Mansur-Tobbetts Implement Co	H		B	3	3	11,400	34	15				15	"		60	60	"	26	20		"	"		"			
187	Long, Joseph J	H		B	2	2	5,600	18	11				11	"		60	60	"	52			"	"		"			
188	Matthieson, Wm	H		B	2	2	4,500	18	7				7	"		60	60	"	52			"	"		"			
189	McCabe, Young & Co	K	15	B	5	5	55,000	120	56				56	"		60	60	Yes	52			"	"		"			
190	McCall & Haase Carriage Co	H		B	4	4	20,880	86	58				58	"		60	60	"	52			"	"		"			1
191	Michel, J. H. & Sons	H		B	1 & 2	2	1,650	11	7				7	"		60	60	Unkn	52			"	"		"			
192	Millburn Carriage Co	S	40	B	5	5	30,000	126	82				82	"	1	54	60	"	52			"	"		"			2
193	Moon Bros. Carriage Co	S	45	B	6	6	57,600	164	97		3		100	"	1	54	45	"	51		1	"	"		Both			1
194	Moon Bros.' branch house	S	25	B	5	5	36,000	100	20				20	"	1	57	45	"	52			"	"		In & Sl			
195	Muench, Chas	H		B	2	2	7,000	18	12				12	"		60	60	"	52			"	"		In			
196	Niemetz, C	H		B W	1	1	2,250	3	5				5	"		57	60	"				"	"		"			
	Totals						944,020	2082	1211		20		1231															7
	Carriage & Wagon factories—																											
197.	Notte, E. H., Moud City Car'ge wks.	S		B&W	2	2	7,600	36	15				15	Weekly	1	57	45	Yes	52			Yes	No		In			
198.	Ottenmeyer, H. C	H		"	2	1	1,680	16	5				5	"		60	60	Unkn	52			"	"		Both			
199.	Petton, Charles H	H		B	2	2	3,600	26	7				7	"		60	60	"	52			"	"		In			
200.	Ponick, Fred. H	H		B	2	1	1,800	7	4				4	"		57	60	No	52			"	"		Out			
201.	Rapp & Moller Carriage Co	H		B	2	2		33	12				12	"		57	60	Unkn	52			"	"		Both			
202.	Rees, Frank	H		B	1	1	1,000	6	4				4	"		60	60	"	52			"	"		In			
203.	Ruzicka, Frank A	H		B	2,1	2	3,700	15	10				10	"		57	60	"	52			"	"		Both			
204.	Schelp Wagon and Carriage Co	E	15	B&S	4	4	24,000	66	45				45	"		54	60	"	20	6	26	"	"		In			
205.	Sennemann, Chas	H		B	2	2	4,000	13	7				7	"		60	60	"	52			"	"		"			
206.	Stephany, W	H		B	2	2	5,200	8	6				6	"		60	60	"	52			"	"		Both			
207.	St. Louis Carriage Mfg. Co.	E	10	B	4	4	28,800	82	35				35	"		60	60	"				"	"		In			
208.	St. Louis Spring Co			B	3,2,1			36									60					"	"					
209.	Tobinka, Joseph	H		B&W	1,1	2	2,700	9	13				13	Weekly		54	60	No	32	20		"	"	1	In			
210.	Tufts, Sam	H		B	2	1	700	2	3				3	"		60	60	Unkn				"	"		"			
211.	Uhlenhaut Bros	H		B	3,1	2	4,625	12	10				10	"		60	60	"	52			"	"		"			
212.	Varney, Zenas	H		B	3,2	5	16,000	100	36				36	"		55	60	"	52			"	"		"			
213.	Vogel, G. F	H		B	2	2	2 500	17	6				6	"		60	60	No	12	40		"	"		"			
214.	Wagner, Peter	S	15	B	3	3	16,875	64	20				20	"		60	60	"	54			"	"		"			
215.	Wagner, Fred	H S	5	B	3	3	4,140	29	15				15	"		60	60	Unkn	52			"	"		"			
216.	Western Carriage Mfg. Co	H		B&W	3,2	2	3,200	11	10				10	"		60	60	"	52			"	"		Both			
217.	Willich, Henry	H		B	3,2	4	14,250	24	15				15	"		57	45	"	52			"	"		In			
218.	Wittich, Henry	H		B	3	3	15,000	36	18				18	"		60	60	"	52			"	"		"			
	Totals						161,370	648	296				296															
	Cement, Plaster, etc.—																											
219.	Granite Wall, Plaster & Mfg. Co	S	30	W	4,2	4	27,750	56	9				9	Bi-wkly		57	60	Unkn	12		40	Yes	No		In & sl			
220.	Paris Fire-proof Plaster Cloth Co	S	15	B	2	2	9,900	44	6				6	"		60	45	"	52			"	"		In			
221.	St. Louis Adamant Plaster Co.	S	20	B&S	2	2	52,500	25	8				8	Weekly		57	30	"	26	26		"	"		In & sl			
222.	St. Louis Whiting Co	S	60	B&W	2	1	2,450	10	10				10	Bi-wkly		60	60	"	52			"	"		In			
223.	Thorn & Hunkins	H		B & S	2,3	3	42,000	92	20				20	Weekly		57	60	"	36	16		"	"		"			
	Totals						134,600	227	53				53															

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weekly)	Running part time (Weekly)	Entirely closed (Weekly)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Chemical works—																									
224	Chappell, W H	S	25	B	3 & 1	1	17,500	46	15				15	Bi-wkly		84	60	Unkn	52			Yes	No		In & sl	
225	Clapps, B B., Ammonia works	S	120	W	1	1	15,625		8				8	"		60	60	"	52			No	"			
226	Herf & Frerichs Chemical Co	S	50	BWI	2, 3, 1	6	18,300	100	60		6		66	Weekly		60	30	"	52			Yes	Yes		In	
227	Larkin & Scheffer	S	40	BW	2 & 1	3	18,200	57	30		5		35	"		60	60	"	52			"	No		"	
228	Mallinckrodt Chemical works	S	60	BWI	4, 3, 1		144,500	536	100		50		150	"		57	60	"	50	2		No	"		Both sl	
229	Missouri Chemical Co	S	50	BW	2	2	8,000	24	5				5	"		60	60	"				Yes	"		In	3
230	Provident Chemical Co	S	130	BW	3 & 2	1	½ blk.	75	72		8		80	Bi-wkly		60	60	"	52			Yes	"		Both	
	Totals						222,125	839	290		69		359													3
	Cigars—																									
231	Appelbaum Bros	H		B	3	1	450	3	6				6	Weekly		48	60	Yes	52			Yes	No		In	
232	Blue Ribbon Cigar factory	H		B	2	1	1,875	9	62		3		65	"		48	60	"	52			"	"		"	
233	Bockelbrink, C.	H		B&S	4	1	750	3	9				9	"		48	60	Unkn	52			"	"		"	
234	Bott, Aug.	H		B	2	1	2,400	10	10				10	"		60	60	No	52			"	"		"	
235	Dach, Fred Von	H		B	2	1	300	3	5				5	"		48	60	Yes	52			"	"		"	
236	Fehl, Chr. & Co	H		B	2	1	660	3	12				12	"		48	60	"	52			"	"		"	
237	Fine Bros	H		B	4	1	2,000	6	7				7	"		48	60	"	52			"	"		"	
238	Finke Bros	H		B	2	1	500	3	5				5	"		48	60	Unkn	52			"	"		"	
239	Frintrap, Henry	H		B	4	1	900	5	5				5	"		48	60	Yes	52			"	"		"	
240	Glass Box Cigar Co	H		B	3	1	1,610	11	15		2		17	"		48	60	"	52			"	"		"	
241	Grimminger, Wm	H		B	3	3	4,650	15	33		2		35	"		48	60	"	52			"	"		"	
242	Hansan, John	H		B	2	1	300	3	5				5	"		48	60	Unkn	52			"	"		"	
243	Herminghaus, Fred	H		B	3	1	625	5	6				6	"		54	60	"	52			"	"		"	
244	Kurtz, Chas.	H		B	2	1	750	3	5				5	"		48	60	"	52			"	"		"	
245	Lampert, Jacob	H		B	3	1	450	1	9				9	"		47	60	Yes	52			"	"		"	
246	Roddy, P	H		B	2	1	500	2	5				5	"		48	60	"	52			"	"		"	
247	Royal Cigar Co	H		B	2	1	600	2	5				5	"		48	60	Unkn	52			"	"		"	

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248	Schottmueller Exposition Cigar Co	H		B	4	3	5,265	27	28		6		34	"		48	60	Yes	52			"	"		"		1
249	Ury & Co	H		B	4	3	7,500	18	20				20	"		48	60	No	52			"	"		"		
250	Weinop, Ernest	H		B	2	1	500	2	6				6	"		48	60	Unkn	52			"	"		"		
251	Wittler, Wm. C	H		B	2	1	500	3	8				8	"		54	60	"	52			"	"		"		
	Totals						33,085	137	266		13		279														1
	Clay and sewer-pipe works—																										
252	Blackmer & Post	S	100	B	3	3	50,400	105	55	2			57	Weekly	1	58	45	Unkn	51		1	Yes	No.	1	In		1
253	Blackmer & Post	S	75	B	3	3	41 340	149	55	2			57	"	1	58	45	"	51		1	"	"		"		
254	Evens & Howard	S	180	B	3, 2	5	97 400	300	308				308	Bi-wkly	1	57	45	"	52			"	"		In & Sl		
255	Laclede Fire-brick and Gas R. Co	S	485	W&B	3, 2	11	137,400	462	300				300	"	1	54	60	"	52			"	"		"		
256	Mississippi Glass Works	S	125	B	3	3	32,400	256	27				27	"		72	60	"				"	"		"		
257	Missouri Fire-brick and Clay Co	S	10	B&W	2	2	12,000	22	15				15	Weekly		60	60	No	40	12		"	"		Both		
258	Mitchell Clay Mfg. Co	S	25	B&W	1	1	26,250	20	25				25	"		66	60	Unkn	52			"	"		In		
259	Parker-Russell M and M. Co	S	120	B&W	2	2	45,000	128	200				200	Bi-wkly		60	40	"	40	12		"	"		Slide		
260	St. Louis Crucible Mfg. Co	H		B&W	1	1	2,500	18	6				6	Weekly		60	60	"	36	16		"	"		In		
261	Winkle Terra Cotta Works, The	S	7	B&W	1	1	2,625	30	25				25	Bi-wkly		66	60	"	52			"	"		"		
	Totals						447,315	1490	1016	4			1020														1
	Clothing factories—																										
262	Cohen, M	E	2	B & S	4	1	6,850	23	4		40		44	Weekly		60	60	Unkn	38	14		Yes	No.		Both		1
263	Comfort, C. D & Co	S	50	B	5	5	33,000	222	15		135		150	"		60	30	"	40	12		"	"		Out		
264	Fendler, L	H		B	3	1	1,875	3	2				2	"		60	60	"	52			"	"		In		
265	Gerger Clothing Co, The	E	3	B	4	2	3,500	28	3		65		68	"		60	60	"	40	12		"	"		"		1
266	Jacob Bros. & Hoffman	E	5	B & S	7	2	6.348	24	10		50		60	"		54	60	Part.	46		6	"	"		"		1
267	Judd, Max	E	5	B	5	3	19,500	108	20		200		220	"	2	57	30	Unkn	52			"	"		"		
268	Kaminer, Pring & Co.	E	10	B	5	2	6,000	40	10		80		90	"		60	60	"	52			"	"	1	"		2
269	Marx & Haas	H		B	6	1	6,500	20	23				23	"		60	60	Part.	36	16		"	"		"		2
270	Marx & Haas	E	5	B	5	1	3,850	22	2		75		77	"	1	54	45	Unkn	52			"	"		Both		
271	Schwab Clothing Co	E	2	S & B	7	1	4,900	18	20				20	W & daily		60	60	Part.	8	44		"	Yes		In		1
272	St. Louis Overall Mfg. Co	S	5	B	4	3	5,200	24	8		32		40	Weekly		63	15	Unkn	4		48	"	No.		Both		2
	Totals						97,523	532	117		677		794														10
	Coffee and spice—																										
273	Eagle Spice Mills	S	5	B	2	1	1,200	6	3				3	Weekly		60	60	No	52			Yes	No		In		
274	Hanley & Kinsella	S	150	B	7	7	100,800	245	25		25		50	"		60	30	Unkn	52			"	"		Out		2
275	Schotten, Wm & Co	S	100	B	2, 2	4	15,000	44	55				55	"		54	60	"	52			"	"		"		
276	Steinwender & Stoffregen	S	15	B	3	1	5,500	15	6				6	"		60	60	"	52			"	"		In		
	Totals						122.500	310	89		25		114														2
	Coffin factories—																										
277	Mound Coffin Co	S	80	B	6	6	46,800	256	106		13		119	Bi-wkly		60	45	Unkn	51		1	Yes	No.	1	In		1
278	Riddle, F C. & Bro.	S	60	B	4	4	14,000	77	10	1			11	Weekly		60	30	No	52			"	"		"		1
279	St. Louis Coffin Co	S	75	B	3, 4	7	37,800	178	90		10		100	"	1	60	45	Unkn	52			"	"		"		
	Totals						98,600	511	206	1	23		230														2

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 13	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been (Weeks.) Running full time	Running part time	Entirely closed	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Compounding metals—																									
280	Engine Metal Co	H		B	2	1	2,700	14	3				3	Weekly		57	60	No.	52			Yes	No		In	
281	Hoyt Metal Co	H		W & I	1	1	12,750	59	15				15	"		60	60	Unkn	52			"	"		In & sl	
282	Tin Foil and Metal Co	S	70	B	3	1	6,500	10	9				9	"		60	30	No.	52			"	"		In	
	Totals						21,950	83	27				27													
	Coopers and cooperage—																									
283	Anheuser-Busch Brewing Association cooper shop	S	100	B	1	1	7,280	21	30				30	Weekly		60	60	Part.	40	12		Yes	No		Slide	
284	Eitz, Franz	H		W	1	1	600	9	5				5	"		55	60	Unkn	52			"	"		Out	
285	Flotman, F	H		B&W	1	1	1,400	8	12				12	"		55	60	No.	40	12		"	"		In	
286	Garrell, Wm , Stave and Iron Co	S	50	B&W	1	1	7,500	40	28				28	"		60	60	Unkn	52			"	"		In & sl	
287	Groepper Bros	H		W	1	1	1,120	9	8				8	"		57	60	"	8		48	"	"		No.	
288	Heichelbeck, John	H		W	1	1	1,500	8	25				25	"		57	60	"	52			"	"		Out	
289	Hoffman, Aug	H		B&W	1 & 1	2	4,500	28	8				8	"		57	60	"	52			"	"		In	
290	Lannversick, Fred	H		B	2	1	3,000	26	23				23	"		57	60	"	40		12	"	"		Slide	
291	Lutz, George A	H		W	1	1	1,200	6	8				8	"		57	60	"	52			"	"		Both	
292	Millinga, Joseph	H		W	1	1	1,000	4	12				12	"		57	60	"	40	12		"	"		"	
293	Mincke, J. H.	S	3	B&W	1	1	2,880	10	8	1			9	"		57	60	"	52			"	"		In	
294	Oberlick, John	H		B&W	1	1	1,026	9	6				6	"		57	60	"	50	2		"	"		"	
295	Pioneer Steam Keg Works Co	S	100	B	2 & 2	4	20,000	100	125				125	"		60	40	"	48	4		"	"	1	Both	
296	Reis, Adam	H		W	1	1	1,125	10	6				6	"		54	60	"	52			"	"		In	
297	Saylor, H N	H S	10	B	2	2	14,040	30	60				60	"		54	60	No.	46	6		"	"		"	
298	Saylor, H. N	H		B&W	2	2	8,400	12	5				5	"		60	60	Unkn	52			"	"		"	
299	Scharz, Conrad	H		W	1	1	800	5	5				5	"		57	60	"	52			"	"		Out	
300	Schoeperkotter, C F	H		B	3	2	5 500	28	25				25	"		57	60	"	40	12		"	"		In	
301	Schoeperkotter, Henry	S	20	B&W	2 & 2	4	10 800	44	50				50	"		57	45	"	45		7	"	"		Both	
302	Schoeperkotter, Louis	H		B	2	2	5,000	20	10				10	"		57	45	"	40	12		"	"		"	

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303	Southern Cooperage Co.	S	125	B S I	3	2	14,000	48	75	25			100	"		60	50	"	52			No.	"		Out	
304	Stecher Cooperage works	S	125	B	2 & 1	2	21,500	91	90				90	"		60	60	"	52			Yes	"	1	Both	
305	St Louis Cooperage Co	S	165	B&W	1	1	38,000	16	225				225	"		60	60	"	52			"	"		In & sl	
306	St Louis Co-operative Cooperage Co.	H		B	1	1	840	7	5				5	"		50	60	Yes	52			"	"		In	
307	Union Cooperage Co	S	50	B & S	3	3	11,250	60	49	1			50	"		54	45	Unkn	52			"	"		Out	
308	Valentine, J	H		B	2	1	1,800	16	16				16	"		60	60	"	52			"	"		In	
309	Winderlich, Chas	H		B&W	2 & 2	2	5,450	26	31				31	"		57	30	No.	52			"	"		"	
	Totals						192,011	691	950	27			977													
	Cornice and sheet-iron works—																									
310	Aufrichtig, Alois	S	6	B	2	2	3,600	8	10				10	Weekly		60	60	No.	52			Yes	No.		In	
311	Baeltman, E	H		B	1	1	990	8	4				4	"		60	60	Unkn	52			"	"		"	
312	Mo. Cornice and Iron Co	H		B	3	3	12,000	50	40				40	"		54	60	"	44	8		"	"		"	
313	Quernheim, W. H. & Bro.	H		B	2	2	8,000	22	5				5	"		54	60	"	52			"	"		"	
314	Schmitt, John	H		B	2	2	2,500	14	6				6	"		57	60	"	36	16		"	"		"	
315	Seibel & Suessdorf Copper and Iron Manut'g Co	S	35	B	3 & 2	5	32,300	100	65				65	"		60	60	"	52			"	"	1	"	
316	Seymour-Schulze Galvanized Iron Cornice Co	S	8	B	1	1	5,500	8	20				20	"		60	60	Yes				"	"		"	
317	Thuner, Wm	H		B	2	1	1,000	3	5				5	"		60	60	Unkn	52			"	"		"	
318	Von der Au, Clus	H		B	1	1	1,500	3	6				6	"		60	60	No.	52			"	"		Both	
	Totals						67,390	216	161				161													
	Corset factories—																									
319	St. Louis Corset Co	S	30	B	2	2	6,400	32	3		90		93	Weekly		57	45	No.	52			Yes	No.		In	
320	Williamson Corset factory	E	8	B	4	4	7,750	35	3		126		129	"		48	60	Unkn	52			"	"		Both	2
	Totals						14,150	67	6		216		222													2
	Decorative glass workers—																									
321	Fay & Schueler	H		B	2	1	720	1	3		3		6	Weekly		60	60	No.	52			Yes	No.		In	
322	Kerwin & Wiley	S	15	B	3 & 2	3	4,460	8	21		4		25	"		60	60	Unkn	52			"	"		"	
323	Murnane Silvering and Beveling Co	S	5	B	3	2	6,600	60	35				35	"		60	60	"	52			"	"		"	
324	Nager's, Jos. J., Glass Sign works			B	3	2	3,000	12	10				10	"		60	60	"	52			"	"		"	
325	Schlegel, Robert A	S	20	B	3	3	7,625	45	24		2		26	"		60	60	"	52			"	"		"	
326	Sutter Art Glass Co	S	4	B	2	1	1,760	3	9				9	"		58	30	"	52			"	"	1	"	
327	Wallis, A. H	H		B	2	2	3,000	17	10				10	"		58	30	"	52			"	"		"	
	Totals						27,165	146	112		9		121													
	Dies and stamps—																									
328	Barnard, W. & Co	H		B	3	1	1,050	5	7				7	Weekly		54	60	Unkn	52			Yes	No.		In	
329	Illig & Hartman	E	5	B	2	2	1,600	8	5				5	"		58	30	No.	52			"	"		"	
330	St. Louis Die works	S	5	B	2	1	750	4	3				3	"		60	60	"	52			"	"		"	
331	Swaine, Fred. J	S	2	B	4	1	1,500	10	6				6	"		60	60	"	52			"	"		"	
	Totals						4,900	27	21				21													

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minute allowed for dinner	Do employes belong to labor organization	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entry closed (Weeks)	Are doors unlocked during hours of labor	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Druggists' supplies—																									
332	Home Manufacturing Co.	H		B	5	2	6,000	9	5				5	Weekly		60	60	Unkn	52			Yes	No		In.	
333	Luyties' Homeopathic Pharmacy	H		B	3	2	1,920	9	2		8		10	"		54	60	No	52			"	"		"	
334	Meyer Bros' Drug Co. laboratory	S	10	B	6	5	22,500	52	12		12		24	"		53	30	Unkn	52			"	"		"	1
335	Oldberg-Wall laboratory	S	30	B	2	2	3,500	25	3		2		5	"		54	60	"	52			"	"		"	
336	Pacific Liver Pill Co	H		B	1	1	1,500	8	2		3		5	"		54	60	No				"	"		"	
337	Paris Medicine Co.	H		B	4	4	3,840	23	16		19		35	"		50	30	"	50		2	"	"		Both	
338	Pozzoni, J. A.	H		B	4	1	1,750	6	2		3		5	"		60	60	"	52			"	"		In	
339	Richardson-Taylor Mfg. Co	H		B	4	1	1,750	3	3		5		8	"		60	60	"	52			"	"		"	
340	Simmons, C. F., Medical Co.	S	10	B	2 & 3	5	3,080	40	8		14		22	Bi-wkly		60	60	Unkn	52			"	"		"	
	Totals						45,840	175	53		66		119													1
	Drugs and medicines—																									
341	Harter the Dr. Medicine Co.	S	25	B & S	4	3	8,400	55	9		42		51	Weekly		60	60	Unkn	52			Yes	No		In	1
342	Lambert Pharmacal Co	H		B	5	5	10,000	30	6		4		10	"		49	60	No	52			Yes	No		In	
343	McLean, Dr. J. H. Medicine Co	S	12	B & S	1 & 4	5	18,625	50	12		38		50	"		54	30	Unkn	52			Yes	No		In	1
344	Meyer Bros. Drug Co	S	25	B & S	6	5	156,250	185	80		45		125	Monthly	1	51	60	Unkn	52			Yes	Yes		In & sl	4
345	Rio Chemical Co	H		B, S, I	5	1	3,625	19	3		4		7	Weekly		57	60	No	52			Yes	No		In	
	Totals						196,900	369	110		133		243													6
	Dry-goods stores—																									
346	Barr, Wm. Dry Goods Co	E S	149	S I	5	5	144,300	235	256	2	145	2	405	Weekly		51	60	Unkn	52			Yes	Yes		Both	2
347	Crawford, D.	S		B & S	3	3	45,000	108	225		60		285	"		54	45	Unkn	52			Yes	Yes		In	
348	Crow, Wm. H. & Co	H		S I	3	1	5,000	6	20		5		25	Bi-wkly		60	45	Unkn	52			Yes	No		In	1
349	Famous Shoe & Clothing Co	S	25	S B	4	5	63,000	108	115		35		150	Weekly		63	60	Unkn	52			Yes	Yes		In	

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350	Nugent, B. & Bro	W S		B & S	5	5	97,500	160	200		200		400	"	1	56	45	Unkn	52			Yes	Yes		Both	3
351.	Penny & Gentles	W H		B	4	3	27,000	60	60	4	80	6	150	"		60	45	Unkn	52			Yes	Yes		In	
352	Sonnenfeld's	H		S & B	3	2	16,000	54	20		130		150	"	1	57	60	Unkn	52			Yes	Yes		In	
	Totals						397,800	731	896	6	655		1565														6
	Dye houses—																										
353	Electric Dye works	S	5	B	2	1	2,100	12	4				4	Weekly		57	60	No	52			Yes	No		In	
354	Lungstra's Dyeing and Cleaning Co.	S	40	B	3, 2, 1	6	16,500	80	40		20		60	"		60	60	Unkn	46	6		Yes	No	1		
355	Matthews Dye House	S	5	B	3	1	1,625	8	7				7	"		60	60	Unkn	52			Yes	No		In	
	Totals						20,225	100	51		20		71														
	Electrical appliances—																										
356	American Electrical Mfg. Co	S	10	B	2	2	3,500	24	4		1		5	Weekly		60	60	No	16		36	Yes	No		In	
357	Columbia Incandescent Lamp Co	S	50	B	3	3	10,500	34	9		12		21	"		60	30	Unkn	52			Yes	No		Both	
358	Emerson Electric Mfg Co	E		B	4	1	1,925	8	10				10	"		59	60	Unkn	13		39	Yes	No		In	1
359	Fidelity Carbon Mfg. Co	S	90	B	1 & 2	3	14,475	76	40	10			50	Bi-wkly.	4	60	60	Unkn	52			Yes	No		In	
360	Interstate Complete Electric Con. Co.	E	5	B	2	2	2,250	16	13				13	Weekly.		60	60	Unkn				Yes	No		In	
361	Municipal Electric Light Co	S	450	B	1	1	6,500	7	13				13	Monthly.		70	60	Unkn	52			Yes	No		In	
	Totals						39,150	165	89	10	13		112														1
	Feather renovators—																										
362	Ely, Collins & Hale	S	40	B	6	4	36,000	140	20		40		60	Weekly.		60	30	Unkn	26	26		Yes	No		Both	2
363	Little, F. E. & Co.	S	23	B	4	4	19,800	73	11		1		12	"		57	60	No	52			Yes	No		In	
	Totals						55,800	213	31		41		72														2
	File works—																										
364	Brand, Jacob.	H		B	1	1	1,000	4	4				4	Weekly.		57	45	Unkn	52			Yes	No		In	
365	Globe File Works	S	25	B	1	1	2,875	22	12				12	"		57	60	Unkn	52			Yes	No		In	
	Totals.						3,875	26	16				16														
	Flour and grist mills—																										
366	Camp Spring Mills	S	350	B	6	6	24,260	75	30				30	Weekly		66	60	Unkn	52			Yes	No	1	In & sl	
367	Carondelet Milling Co	S	120	B	5	5	8,750	57	7				7	"		72	60	Unkn	44		8	Yes	No		In & sl	
368	Eagle Mills	S	130	B	4	4	24,840	79	30				30	"		66	60	Unkn	52			Yes	No		In	
369	Imbs, J. F. & Co	S	50	B	6	2	7,200	28	8				8	"		60	60	Unkn	52			Yes	No		In	
370	Meramec Roller Mills	S	120	B	4 & 3	7	17,500	52	14				14	"		66	60	Unkn	52			Yes	No		Both	
371	Plant Roller A. Mills	S	600	B	5 & 2	7	30,600	92	50				50	"		63	60	Unkn	48	4		Yes	No		Slide	2
372	Regina Flour Mill Co	S	500	B	6	6	59,400	119	25				25	"		66	60	Unkn	52			Yes	No		In & sl	
373	Rock Spring Corn Mills	S	10	W	1	1	3,750	12	6				6	Bi-wkly		60	60	Unkn	30		22	Yes	No		In	
374	Saxony Mills	S	250	B S W	6	6	44,220	84	18				18	Weekly.		66	60	Unkn	47		5	Yes	No	1	In & sl	
375	Sessinghaus Milling Co	S	200	B	2 & 4	6	19,200	66	24				24	"		66	60	No	50		2	Yes	No		B & sl	
376	St. George Milling Co	S	100	B & S	4	4	18 000	55	15				15	Bi-wkly.		66	60	Unkn	26		26	Yes	No		In	
377	St. Louis Pearl Hominy Mills	S	500	B	5	5	25,000	51	75				75	Weekly.		66	60	Unkn	52			Yes	No		In	
378	Southern Roller Mills	S	400	B	5	5	36,000	62	30				30	"		66	60	Unkn	47		5	Yes	No		In & sl	
379	United States Mills	S	350	B	4	4	43,200	62	29				29	"		66	60	Unkn	46		6	Yes	No		In	
380	Victoria Flour Mill Co	S	300	B	4	4	20,000	51	35				35	"		63	60	Unkn	44		8	Yes	No		In	1
	Totals						381,920	945	396				396														3

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CONDITION OF FACTORIES AND WORKSHOPS—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Foundries—																									
381	Carondelet Foundry Co	S	40	IW	1, 1, 2	4	46,000	180	85				85	Bi-wkly.	9	57	45	Unkn	52			Yes	No.		In & sl	
382	Fritz, Geo. J., Central Iron works	S	60	B	2	2	44,000	150	100				100	Weekly		60	60	Unkn	52			Yes	No.		Bth&sl	
383	Fulton Iron works	S	75	B	3	2	25,956	94	129				129	"	1	60	60	Part.	51	1		Yes	No		In	
384	Geist Bro.s' Mfg. Co.	S	30	B	2	2	21,000	63	14				14	"	1	60	45	No	52			Yes	No.	1	In	
385	Green's Car-wheel works	S	20	B	1	1	12,000	38	40				40	Monthly.		60	45	Unkn	52			Yes	No		In & sl	
386	Medart Patent Pulley Co.	S	125	BW	1 & 3	4	44,200	140	250				250	Weekly		60	60	Unkn	52			Yes	No.		In & sl	
387	Missouri Car & Foundry Co	S	350	B	1	1	2 blks.		300				300	Monthly.	12	42	60	Unkn	52			Yes	No.	1	In	
388	Rankin & Fritsch Fdry. & Mac. Co.	S	100	B	5 & 1		1 blk	138	250				250	Weekly	1	60	45	Unkn	52			Yes	No		In & sl	
389	Shickle-Harrison-Howard Iron Co	S	500	BW	1		2 blks.	100	60				60	Bi-wkly.	3	60	60	Yes	52			Yes	No.		Out	
390	South St. Louis Foundry Co.	S	30	BI	2 & 1	3	26,850	100	75				75	"		60	60	Unkn	40	12		Yes	No		Both	
391	Standard Foundry Co	S	40	B	2 & 1	3	14,700	36	75				75	"		60	60	Unkn	52			Yes	No.		In	
392	St Louis Car-wheel Co	S	115	WI	1, 1, 2	4	47,500	186	225				225	Monthly	15	60	60	Unkn	52			Yes	No.	1	Slide	
393	St. Louis Iron & Machine works.	S	80	B	2	1	75,000	100	170				170	Weekly		60	60	Unkn	52			Yes	No.		In & sl	
394	St. Louis Sash Weight Co	S	26	BW	2 & 1	3	6,300	88	40				40	"		54	60	Part.	52			Yes	No.	1	Slide	
	Totals						363,506	1363	1813				1813													
	Furniture factories—																									
395	Aude Furniture Co	S	60	B	4	4	27,000	118	75				75	Weekly	1	60	60	Unkn	52			Yes	No		Both	
396	Central Furniture Co	S	60	B	4	4	22,000	112	70				70	Bi-wkly.		60	45	Unkn	52			Yes	No.		Slide	
397	Conrades, J. H., Chair & Parlor Furniture Co	S	200	B	7	7	157,500	378	218		50		268	"		60	30	Unkn	52			Yes	No.		Out	
398	Crescent Furniture & Lumber Co	S	40	B	3	3	29 000	126	40				40	Weekly	1	60	60	Unkn	52			Yes	No.		In	
399	Diederich, G. H., Furniture Co.	S	80	B	3	3	18,000	84	30				30	Bi-wkly.		60	30	Unkn	52			Yes	No.		Slide	
400	Eberly, Theo.	S	18	B	2	2	2,200	24	7				7	Weekly		60	60	Unkn	52			Yes	No		In & sl	
401	Frederich, L. & Bro Furniture Fac.	S	10	W	2	2	4,250	36	17				17	"		57	45	No	52			Yes	No		Slide	
402	Globe Furniture Co.	S	85	B	4 & 3	7	49,550	176	61	4			65	Bi-wkly.	1	60	40	Unkn	52			Yes	No		In & sl	

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403	Hampeter & Eckhoff	S	35	B	4	4	42,000	168	72				72	"	1	60	30	Unkn	52			Yes	No		In & sl		
404	Heller & Hoffman	S	150	B	5 & 4	4	36,000	131	140		20		160	"	1	60	50	Unkn	30	22		Yes	No		In & sl		
405	Joering & Pelchmann	S	7	B	1	1	11,875	76	18				13	Weekly		57	45	No	52			Yes	No		Slide		
406	Klengel & Poppitz	H		B	2	2	3,200	21	10				10	"		60	60	Unkn	52			Yes	No		In		
407	Koenig Furniture Co	S	48	B	4 & 3	7	23,500	94	60				60	Bi-wkly.	2	55	45	Unkn	52			Yes	No		Both		
408	Lasher, R. E. & Co	S	65	B	2	2	12,000	72	57				57	"	1	60	35	Unkn	52			Yes	No		In		
409	Leroi, William	S	90	B	3 & 2	5	24,750	70	47				47	"	1	60	60	Unkn	50		2	Yes	No		Both		
	Totals						462,325	1686	917	4	70		991														2
	Furniture factories—																										
410	Logeman Chair Mfg. Co	S	250	B	6	6	44,775	77	245		30		275	Bi-wkly.		60	40	Unkn	51			Yes	No.		Both		2
411	Meyer & Pohlman	S	83	B	4	3	20,800	44	38				38	"	1	57	90	Unkn				Yes	No.		In & sl		
412	Mo. Furniture Co	S	35	B	4 & 2	6	21,000	92	45				45	"		60	30	Unkn	48			Yes	No.		Out		
413	Peters, Joseph	S	50	B	3	3	10,200	102	77				77	"	1	60	45	Unkn	52			Yes	No.		In		
414	Prang Furniture Co	S	80	B	3 & 2	5	14,700	150	50	10			60	Semi-M	1	57	45	Unkn	52			Yes	No.		In		
415	Scarlit Furniture Co	S	35	B & I	2	2	2 975	24	25				25	Weekly	1	60	60	Unkn	52			Yes	No.		Both		
416	Standard Furniture Co	S	30	B	2	2	3,750	40	23				23	Bi-wkly.	1	57	45	Unkn	52			Yes	No.		Both		
417	St. Louis F. M. association	S	50	B	4,1&1	6	33,125	112	95				95	"	7	57	50	Yes	51			Yes	No.		In		
418	Sueme, Chas	S	65	B	3 & 1	4	22,400	89	40				40	Weekly	1	60	60	No	52			Yes	No.	1	Out		
419	Vornbrock Furnishing Co	S	90	B&W	3 & 1	4	25,200	126	85				85	"		60	60	Part	50			Yes	No.	1	Out	1	
420	Western Furniture Co	S	45	B	3	3	15,300	61	34				34	Bi-wkly		57	60	Unkn	52			Yes	No.		In & sl		
421	Wolf & Kraemer	S	125	B	3 & 2	5	26,600	74	67				67	"	1	60	40	Unkn	50			Yes	No.		In & sl		
	Totals						240,825	991	824	10	30		864														3
	Gas works—																										
422	Laclede Gas works	S	118	S B I	1	1	71,250	79	68		2		70	Bi-wkly		77	60	Unkn	20			Yes	No.		Both		
423	Laclede Gas works	S	84	B & I	1	4	67,500	80	150				150	Semi-M		77	60	Unkn	50			Yes	No.	1	In		
	Totals						138,750	159	218		2		220														
	Gasoline stoves—																										
424	Irwin Burner Vapor Stove Co	S	14	B	3 & 1	4	14,550	81	21				21	Weekly		60	30	Unkn	52			Yes	No.		In		
425	Quick Meal Stove Co	S	75	B	3 & 1	4	50,500	216	250	30	2		282	"		60	30	Unkn	32			Yes	No.		Both		
	Totals						65,050	297	271	30	2		303														
	Glass factories—																										
426	Anheuser-Busch Brewing Ass	S	75	B & S	1	1	22,275	60	240				240	Weekly		54	60	Yes	54			Yes	No.		Both		
427	French window glass			B&W	1 & 2	3	30,000	40	50				50	"	1	52	Op.	Yes	34			Yes	No.		In		
428	Heitz, F., Glass works	H		B&W	1 & 1	2	7,950	12	80				80	"	2	55	60	Part	42			Yes	No.		In & sl		
429	Mississippi Glass works	S	100	T B F	1	1	300	90	225	25			250	"	6	54	60	Unkn	52			Yes	No.		In & sl		
430	Western Glass Bending works	S	10	B	1	1	1,625	8	6				6	"		54	60	Unkn	36			Yes	No.		In		
	Totals						62,150	210	601	25			626														

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. of square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Grocers' sundries—																									
431	Charm Mfg. Co	S	15	B	3	3	24,000	40	6	....	4	....	10	Weekly.	...	60	60	No	52	....	..	Yes	No	..	In	....
432	Chase, C. D.	S	1	B	2 & 1	3	27,000	21	10	....	....	....	10	"	..	57	60	No	52	....	..	Yes	No	..	In	....
433	Dodson Hills Mfg. Co.	S	100	B	3	3	54 000	120	100	....	75	....	175	"	1	60	30	Unkn	50	....	..	Yes	No	..	Slide	....
434	Donnel Mfg. Co	H	..	B	3	3	12,000	24	2	....	5	....	7	"	....	60	30	Unkn	52	....	..	Yes	No	..	In	1
435	Dunham Mfg. Co	S	10	B	4	4	16,480	..	42	....	28	....	70	"	....	60	30	Unkn	52	....	..	Yes	No	..	In	1
436	Eddy & Eddy	H	..	B	4	2	5,250	20	5	....	11	....	16	"	....	57	45	No	52	....	..	Yes	No	..	In	...
437	Globe Pickle Works	S	30	B	3 & 4	8	53,000	89	13	....	40	....	53	"	1	59	60	No	52	....	..	Yes	No	..	In	...
438	Metzenour, E	H	..	B	3	3	462	7	3	....	2	....	5	"	....	60	60	Unkn	52	....	..	Yes	No	..	Out	...
439	Meyer Rain Mfg. Co	E	5	B	4 & 2	4	14,820	44	5	....	9	....	14	"	....	60	30	No	52	....	..	Yes	No	..	In	...
440	Meyers, E., & Co	S	15	B	3	2	3,920	20	6	....	6	....	12	"	....	60	30	Unkn	52	....	..	Yes	No	..	In	...
441	Smith, Frank	H	....	B	2	2	2,400	2	5	....	..	....	5	"	....	60	60	No	52	....	..	Yes	No	..	In	...
442	Smith, Wright	H	....	B	3	1	1,250	3	3	....	..	....	3	"	....	60	60	No	26	....	..	Yes	No	..	In	...
443	St Louis Preserve Co	S	25	B	5 & 6	11	88,800	260	40	....	10	....	50	"	..	60	60	No	52	....	..	Yes	No	..	In	2
444	Stoble Cereal Mills	S	75	B	4 & 3	4	24,000	34	13	....	12	....	25	"	...	63	60	Unkn	39	....	..	Yes	No	..	In	...
445	Ta lor Mfg. Co.	S	49	....	2,3& 1	5	39,750	84	6	....	11	....	17	"	...	60	30	Unkn	36	....	..	Yes	No	..	In	...
446	Taylor Mfg. Co	H	...	B	4	4	18,000	64	3	....	20	....	23	"	...	57	60	Unkn	52	....	..	Yes	No	..	In	2
	Totals	...	...	...	...	...	385,132	832	262	....	233	..	495	...	...	...	...	...	...	...	..	...	...	...	...	6
	Hard-wood workers—																									
447	Chester & Keller Mfg. Co	S	260	BSW	2 & 1	3	31,500	68	100	....	....	..	100	Weekly.	1	54	40	Unkn	52	....	....	Yes	No	....	In & al	....
448	Harris Mfg Co	S	70	B	2 & 1	3	15,300	70	28	2	....	....	30	"	...	60	45	No	52	..	...	Yes	No	....	Slide	....
449	Powl zky & Collins, C. W. W.	S	40	B	2 & 3	5	22,800	120	60	..	..	....	62	"	....	60	6	Yes	52	....	..	Yes	No	....	Both	....
	Totals	...	...	...	...	...	69,600	258	188	2	....	....	190	...	...	...	...	...	...	...	..	...	...	...	...	...

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	Harness and saddlers—																										
450	Burns, P., & Co	E	10	B & S	7 & 1	3	9,000	30	50	..	4	..	54	Weekly	...	60	60	Unkn	52	..	..	Yes	No	...	Both	....	
451	Degnan & McGinnis	E	5	B & S	4 & 1	2	13,500	22	63	..	...	...	63	"	..	60	30	Unkn	41	...	..	Yes	No	..	In	1	
452	Helderman, Benoist, S., Co	G	7	B		4	8,640		40	..	...	...	40	W & M	..	58	60	Unkn	52	..	..	Yes	No	...	In	1	
453	Hayden, P	H E	5	B		4	10,000	24	45	..	...	...	45	Weekly	..	60	60	Yes	48	..	..	Yes	No	...	In	1	
454	Homan, Wm	H	..	S & B	4 & 1	2	8,000	20	25	..	...	...	24	"	.	60	60	Unkn	51	..	..	Yes	No	..	In	1	
455	Meyer & Bannerman	S	10	B & S	7 & 1	4	30,000	105	100	..	...	...	100	"	1	60	60	Unkn	45	..	..	Yes	No	...	In	2	
456	Mueller, Phillip	H	..	B		3	500	3	4	..	...	...	4	"	..	60	60	No	52	..	..	Yes	No	..	Both	....	
457	Peters, P. J	S	5	B & W	4 & 1	2	13,000	36	47	..	..	...	47	"	...	60	60	Yes	46	..	..	Yes	No	...	Both	....	
458	Strauss, Jacob	S	6	B	5	2	13,000	48	75	..	..	...	75	"	..	60	60	Unkn	47	..	..	Yes	No	...	In	1	
459	Sickles, J. B	S	10	I & B	4	3	18,000	84	88	...	2	...	90	"	..	60	30	Yes	52	..	..	Yes	No	...	In	2	
460	Tuckett, J. M	H	..	B	3 & 1	1	2,000	8	7	..	...	...	7	"	...	60	60	Unkn	52	...	..	Yes	No	...	In	...	
	Totals	...	...	...	...	..	126,440	380	544	...	6	...	550	...	...	...	...	...	...	...	...	...	...	...	...	9	
	Hat factories—																										
461	Raymond & Tarwegge	H	...	S & B	4	2	8,000	40	42	...	17	...	59	Weekly	...	60	60	Yes	52	...	...	Yes	No	...	Both	1	
462	Schiller, Joseph	H	...	B	3	3	7,560	24	17	...	8	...	25	"	...	50	30	Unkn	52	...	...	Yes	No	...	In	...	
463	Walder, J. W	H	...	B & S	4	2	2,940	15	14	..	8	...	22	"	1	54	30	Unkn	52	..	...	Yes	No	..	In	1	
	Totals	...	...	...	...	...	18,500	79	73	...	33	...	106	...	..	...	...	...	...	...	..	...	...	...	...	2	
	Horse collar factories—																										
464	Douglas, Peter	H	...	B & W	1	2	1,070	13	6	...	..	...	6	Weekly	...	60	60	Yes	52	...	...	Yes	No	...	Both	....	
465	Degnan & McGinnis	H	...	S	2½	2½	5,000	20	12	...	...	...	12	"	...	57	60	Yes	52	...	...	Yes	No	...	In	....	
466	Hayden, P	H	...	B	3	1	3,960	23	20	...	...	...	20	"	...	58	40	Yes	52	...	...	Yes	No	...	In	...	
467	Kohrman, August	H	...	B	2½	1	1,750	8	3	..	..	...	3	"	...	60	60	No	52	...	...	Yes	No	...	In	....	
468	Peters, J. P	H	...	B	4	4	9,200	21	13	...	..	...	13	"	..	57	60	Unkn	45	..	..	Yes	No	...	In	....	
469	Pidgeon, Wm	S	5	W	2	2	4,200	30	8	...	...	...	8	"	..	57	60	Unkn	52	...	...	Yes	No	...	In	....	
470	Sommers Bros	S	15	B	3	3	5,400	81	32	...	..	...	32	"	...	60	60	Yes	52	...	...	Yes	No	...	Both	...	
471	Schmidt, Fred	H	...	B	2	2	3,840	22	11	...	...	...	11	"	...	54	60	Unkn	52	..	..	Yes	No	...	In	...	
	Totals	...	...	...	...	...	34,420	218	105	...	...	...	105														
	Horse-shoeing shops—																										
472	Butler, Edward	H	...	B	3	1	1,320	2	11	...	...	..	11	Weekly	...	60	90	Yes	52	..	..	Yes	No	...	In	....	
473	Conden, Patrick	H	...	B	2	1	1,125	4	7	..	...	...	7	"	...	60	60	Unkn	52	...	..	Yes	No	...	In	...	
474	Fitpatrick, T. F	H	...	B	1	1	805	6	10	..	...	...	10	"	..	60	60	Unkn	52	...	..	Yes	No	..	In	...	
475	O'Neill, P. H	H	...	B	2	1	2,125	4	5	...	...	...	5	"	...	60	60	Unkn	35	...	...	Yes	No	...	In	....	
476	Schaeffer, L	H	...	B	1	1	900	5	4	..	..	..	4	"	...	60	60	No	52	...	...	Yes	No	..	Out	....	
	Totals	...	...	...	...	...	6,215	21	37	...	...	...	39														
	Hosiery factories—																										
477	Ern, Mrs Kate	E	1½	B	3	1	2,250	11	1	.	12	...	13	Weekly	1	51	60	No	40	...	..	Yes	No	...	In	...	
478	Pfenninger, C. J	S	5	B	4	1	1,040	9	2	...	8	.	10	"	..	60	30	No	.	...	...	Yes	No	...	In	2	
479	Western Hosiery mills	E	2	B	2	1	1,875	6	...	...	20	4	24	"	..	50	30	No	52	...	..	Yes	No	...	In	....	
	Totals	...	...	...	...	...	5,165	26	3	...	40	4	47	...	...	...	...	...	...	...	...	...	...	...	...	2	

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VERNON COUNTY.

Establishment No.	Name of establishment.	Kind of power	No of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No of accidents in past year	Do doors open in or out?	No. of outsidees. fire-escap
...	Brick yard— J. A. Daly	S	25	....	....	....	....	....	40	....	....	....	40	Monthly	1	60	60	....	34	....	....	....	....	....	....	....
2...	Cigar factory— Seashultz, Phil.	....	....	B	1	1	880	....	6	....	....	....	6	Weekly	....	48	60	No.	52	....	....	....	....	....	....	....
3...	Foundry and cornice works— Eldridge Bros.	S	8	W	1	1	12,000	....	20	....	....	....	20	Weekly	....	60	60	....	52	....	....	....	....	....	....	....
4...	Printing office— Nevada Mail	E	4	B	1	1	3,600	....	4	....	3	....	7	Weekly	....	60	60	....	52	....	....	....	....	..	....	....
5...	Wagon and carriage factory— Bacon, H. K.	....	....	B	1	1	9,000	....	12	....	....	....	12	Weekly	....	60	60	....	52	....	....	....	....	....	....	....
6...	Zinc works— Langon, Robt. & Co.	S	75	W	1	1	....	....	140	....	....	....	140	Monthly	10	72	60	....	52	....	....	....	....	....	....	....

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797	Standard Printing Co	G	10	B I S	3 & 1	1	1,700	13	20	..	2	..	22	"	...	59	30	Yes	52	....	....	Yes	No	....	In	....	....
798	Star Printing Co	S	60	B	4 & 1	4	15,600	73	11	....	7	..	18	"	....	59	60	Yes	52	....	..	Yes	No	....	In	....	2
799	Steele, J. W.	H	..	B	2	1	500	3	6	..	....	....	6	"	....	59	60	Yes	52	....	....	Yes	No	....	In	....	....
800	Stephens Lithographing & Eng Co	G	7	B	4	4	9,600	51	75	....		....	75	"	...	53	45	Part	52	....	....	Yes	No	....	In	....	1
801	St. Louis Label Works	E	5	B	3,1,2	4	4,300	21	21	..	4	....	25	"	...	59	60	Part	52	....	....	Yes	No	..	In	....	....
802	Studley, R. P. & Co	S	25	B	4	2	4,550	96	70	..	.	..	70	"	....	56	30	Unkn	52	....	....	Yes	No	..	In	....	....
803	Wiebusch, Aug	S	10	B	5	3	3,726	36	20	....	10	....	30	"	..	60	60	Unkn	52	....	..	Yes	No	....	In	....	....
804	Weiss & McCallum	G	3	B	1	1	2,100	18	8	....	....	....	8	"	..	59	60	No	52	....	....	Yes	No	....	In	....	....
805	Whipple's Agency	E	2½	S & B	4	1	1,000	12	13	....	....	....	13	"	..	59	60	Yes	52	....	....	Yes	No	....	In	....	....
806	Worthage Printing Co	H	....	B	3	1	880	3	6	....	....	....	6	"	..	59	60	No	12	....	....	Yes	No	....	In	....	....
807	Woodward, C. B	S	75	B	5	5	50,000	88	86	....	75	....	161	"	..	59	60	Yes	52	....	....	Yes	No	....	In	....	2
808	Woodward & Tiernan	S	175	B	6	6	59,350	47	270	..	78	..	348	"	1	59	30	Unkn	52	....	....	Yes	No	....	In	....	3
	Totals	....	....	....	....	....	498,815	487	642	....	188	....	830	....	....	....	....	....	....	....	....	....	....	....	....	....	8
	Pumps—																										
809	Hooker & Colville	S	35	B	3	2	11,000	32	30	....	....	....	30	Weekly	6	60	30	Part	52	....	....	Yes	No	....	In	....	....
810	St. Louis Wood Pump Co	S	75	B I W	2	2	15,000	4[illegible]	15	....	....	..	15	"	..	54	50	Unkn	40	....	....	Yes	No	....	In	....	....
	Totals	....	....	....	....	....	26,000	86	45	..	....	....	45														
	Rendering establishments—																										
811	Flinn & Winters	S	15	B	2	2	7,200	20	4	....	....	..	4	Weekly	....	54	60	No	52	....	..	Yes	No	....	In	....	....
812	Funk, James P.	S	25	B & W	2 & 1	2	7,800	33	7	....	..	..	7	"	....	60	60	Unkn	52	....	..	Yes	No	....	Both	....	....
813	Holster, Fred	S	20	W	2	2	9,750	18	6	....	....	....	6	"	...	60	60	Unkn	52	....	..	Yes	No	....	In & sl	....	....
814	Pfeffer, Joseph	S	25	W	2	2	3,000	20	3	....	....	....	3	"	...	54	60	Unkn	52	....	..	Yes	No	....	In	....	....
815	Starke, James	S	25	W	2	2	6,000	15	4	....	....	....	4	"	..	54	60	Unkn	52	....	....	Yes	No	....	In	....	....
816	St. Louis Melting Co	S	50	B	2 & 1	3	9,325	33	8	....	....	....	8	"	..	60	60	Unkn	52	....	....	Yes	No	....	In & sl	....	....
	Totals	....	....	....	....	....	43,075	139	32	....	....	....	32														
	Repair shops—																										
817	Fairbanks Scale Repair shop	S	5	B	3	3	15,000	81	8	....	....	....	8	Semi-M	....	60	60	Unkn	52	....	....	Yes	No	....	In	....	....
818	Howe Scale Repair shop	S	1	B	3	1	3,000	6	6	....	....	....	6	Weekly	....	54	60	"	52	....	....	"	"	....	"	....	....
819	Iron Mountain Repair shop	S	25	B	2	3	42,000	125	12	....	....	....	12	Monthly	..	60	60	"	52	....	..	"	"	....	"	....	....
820	Mo. Car and Foundry Co.	S	25	B W I	1	1	1,600	64	50	....	....	....	50	"	10	54	50	"	40	....	..	"	"	....	"	....	....
821	Municipal Electric Light Repair shop	H	....	B	1	1	7,200	17	7	....	....	....	7	Weekly	....	60	60	"	....	....	....	"	"	....	Both	....	....
822	Pacific R. R Machine shop.	S	160	B wsl	2 & 1	3	66 500	368	604	....	3	....	607	Monthly.	13	54	45	"	52	....	....	"	"	1	Both&s	....	....
823	Pullman Palace Car Co	S	15	B & W	1 & 2	2	26,250	44	156	....	5	....	161	"	10	60	45	Yes.	52	....	....	"	"	....	Both	....	....
824	St. Louis Drill works	H F	....	B	2	2	3,600	6	6	....	..	....	6	Weekly	9	60	60	Unkn	52	....	....	"	"	....	In	....	....
825	The De La Vergne	S	18	B	2	2	26,400	86	25	....	....	....	25	Semi-M	....	60	60	"	52	....	....	"	"	....	In & sl	....	....
	Totals	....	....	....	....	....	191,550	797	874	....	8	....	882														
	Roofing and paving material—																										
826	Barber, The Asphalt Paving Co	S	5	W	1	1	1,500	12	8	....	....	....	8	Weekly	....	60	60	Unkn	30	....	....	Yes	No.	....	In	....	...
827	Bruners, P. M	S	40	B & W	3 & 1	4	.....	5	7	....	....	....	7	"	....	57	60	"	..	....	..	"	"	....	"	....	...
828	Gilson Asphaltum Co	S	10	W & I	2	1	7,500	80	10	..	....	....	10	"	....	60	60	No.	36	....	....	"	"	....	In & sl	....	....
829	St. Louis Wood Preserving and Car Roofing Co	S	50	W & I	1	....	.....	....	75	....	....	....	75	"	....	60	60	Unkn	4	....	....	....	"	....	.....	....	....
	Totals	....	....	....	....	....	9,000	97	100	....	....	....	100														

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Rolling mills—																									
830	Granite Iron Rolling mill	S	1300	I & W	1	4	115,750	400	125				125	Bi-wkly.	7	48	45	No.	46			Yes	No.		Both&s	
831	Helmi acher Forge & Rolling Mill Co	S	700	W			90,000		250				250	"	7	60	45	Yes.	44			No.		1		
	Totals						205,750	400	375				375													
	Saw factories—																									
832	Branch, Crookes & Co., saw works	S	200	B	1	2	22,500	100	80				80	Bi-wkly.		56	45	Unkn	52			Yes	No.		Both	
833	Curtis & Co. Manufacturing Co	S	50	B	2 & 1	3	9,000	69	25				25	Weekly	1	54	60	Unkn	52			Yes	No.		In & sl	
	Totals						31,500	169	105				105													
	Saw mills—																									
834	Liebke, C. F	S	100	W	2	2	18,200	12	90				90	Weekly		55	60	Unkn	44			Yes	No.	2	Slide	
835	Schulenburg & Boeckler L. Co	S	750	B&W	2 & 1	3	33,125	62	425				425	"	1	55	90	"	52			Yes	No.		Slide	
836	The Knapp, Stout & Co. L. Co	S	150	W	1	1	15,000	60	25				25	Semi-m.		57	90	"	52			Yes	No.		Slide	
	Totals						66,325	134	540				540													
	Shirt factories—																									
837	Cosey, Peter A	E	3	B	4	3	15,000	36	4		40		44	Weekly		60	30	Unkn	52			Yes	No.		In	1
838	Eureka Manufacturing Co	E	10	B	3	2	6,000	34	4		75		79	"		60	30	No.				Yes	No.		Both	1
839	Lepschitz & Spieldoch	H		B & I	2	1	990	6	2		18		20	"		60	60	Unkn	52			Yes	No		In	
840	Mange, L., Sons & Co	S	30	B	3	1	3,500	25	4		80		84	"	1	60	60	"	52			Yes	No		In	
841	Rubenstein, T. L	E	3	B	3	1	1,610	12	4		30	1	35	"		54	30		52			Yes	No		In	1
842	Schwartz, H	E	3	B	2	1	1,320	8	4		40		44	"		60	60	Unkn	52			Yes	No.		In	
843	Weil, Julius	E	1	B & S	3	2	2,160	8	1		20		21	"		60	45	No.	52			Yes	No		In	
	Totals						30,580	120	23		303	1	327													3

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	Shoe factories—																										
844	Brown-Dennoyers Shoe Co	S	225	S & B	7	7	94,500	231	210	...	190	...	400	Weekly	1	50	30	Part	46	...	...	Yes	2	1	Out...		
845	Dickason, Hess & Odionne Co	S	10	B	5	2	18,000	19	44	...	21	...	65	"	...	60	60	Unkn	52	...	...	Yes	Yes	..	Both		
846	Failek, S. & Co	H	..	B	3	1	1,500	8	15	...	..	...	15	"	...	60	60	"	..	...	...	Yes	No	..	In	...	
847	Gannon, B	S	10	B	5	2	21,600	58	60	...	40	...	100	...	...	59	30	"	50	...	...	Yes	No	...	Both	2	
848	Gindra, J. & Bro.	E	7½	B	4	3	7,500	48	18	...	18	...	36	Weekly	..	58	30	"	48	...	...	Yes	No	...	Both	1	
849	Hamilton-Brown Shoe Co	S	175	B	6	5	48,750	58	400	...	325	...	725	"	3	60	60	"	52	..	...	Yes	No	...	Out...	2	
850	Hufnagel Shoe Co	S	12	B	6	2	15,000	26	25	...	25	...	50	"	...	59	30	"	52	...	...	Yes	No	..	Both	2	
851	Johansen Bro	E	15	B	3	3	9,165	64	65	...	42	...	107	"	1	60	45	Yes	52	...	...	Yes	No	..	In	1	
852	Joslin, L. B	S	5	B & S	4	1	3 850	23	8	...	6	...	14	"	...	60	60	Unkn	52	...	...	Yes	No.	...	In	1	
853	Kelley, Goodfellow & Co	S	18	S & B	5	1	4,550	18	45	..	30	...	75	"	2	59	30	"	52	...	...	Yes	No.	...	In	2	
854	McNamara, Jno. F	...	..	B	3	1	400	1	11	...	..	...	11	"	...	60	60	"	52	...	...	Yes	No.	...	In	...	
855	Meier, John	S	100	B & S	7	7	42,525	139	95	...	30	...	125	"	1	60	30	"	52	...	...	Yes	No.	...	Both	2	
856	Morris, E. & Son	S	5	B	2	1	3,300	30	15	...	10	..	25	"	...	60	45	"	52	...	...	Yes	No.	...	In	...	
857	Mound City Boot & Shoe Co.	S	10	B	4 & 3	1	6,500	40	38	...	12	...	48	Weekly	1	60	60	Unkn	...	...	...	Yes	No.	...	Both	1	
858	Pearce, John	E	2	B	3	1	1,200	9	1	...	9	..	10	"	...	58	45	"	52	...	...	"	"	...	In	...	
859	Peters & Miller	S	10	B	5	5	8,880	37	30	...	35	...	65	"	1	60	60	"	52	...	...	"	"	...	"	...	
860	Phœnix Shoe Co	E	3	B	3	1	1 000	6	6	...	6	...	12	"	1	60	30	"	..	...	...	"	"	...	"	...	1
861	Rambose, C. E	S	15	B & S	4	2	7,700	46	27	...	18	...	45	"	...	60	60	"	52	...	...	"	"	...	"	...	1
862	Sahm, Geo. & Sons	E	5	B & S	4	1	7,200	14	42	...	12	...	54	"	...	60	30	Yes	52	...	...	"	"	...	In&sw	1	
863	St. Louis House of Refuge	S	40	B	2	1	9,750	52	90	...	...	...	90	"	...	48	60	Unkn	52	...	...	"	"	...	Both	...	
864	Tennent-Stribling Shoe Co.	S	25	B	3	2	17 600	30	62	...	63	...	125	"	...	60	60	Part	52	...	...	"	"	...	Out	2	
865	The Millus Boot & Shoe Co	S	25	B	4	3	18,750	57	100	...	50	..	150	"	...	60	45	No..	52	...	...	"	"	...	In	1	
866	Wachtrup, A. H..	...	...	B	2	1	1,200	14	7	...	5	...	12	"	..	57	60	Yes	52	...	...	"	"	...	"	...	
867	Walden, Parcells & Jordan	S	25	B	4	3	9,000	35	60	..	50	...	110	"	1	60	30	Unkn	51	...	...	"	"	...	Both	1	
868	Western Boot & Shoe Mfg. Co.	S	30	B	6	4	43.200	116	55	...	50	...	105	"	...	59	30	"	13	...	...	"	"	...	"	2	
869	Wertheimer, Swarts & Co	E	15	B & S	4	3	12,875	30	75	...	50	..	125	"	1	60	60	"	52	...	..	"	"	...	In	1	
	Totals	...	...	...	...	...	415 495	1209	1602	...	1097	...	2699	...	...	...	...	...	..	...	..	...	...	...	...		29
	Shot towers—																										
870	Collier shot tower works	S	40	B	3	3	...	33	9	...	3	...	12	Weekly	...	60	30	No...	52	...	...	Yes	Yes	...	Slide	...	
871	St. Louis shot tower works	S	50	B	3	3	...	30	13	...	...	...	13	"	...	60	60	Unkn	50	...	...	"	"	...	In	...	
	Totals	...	...	...	...	...	...	63	22	...	3	...	25														
	Soap, candles, etc.—																										
872	Bresch, L. P. & Bros	S	25	B	2	2	9,600	36	4	...	...	..	4	Weekly	.	48	60	No...	52	...	...	Yes	No	...	In	...	
873	Eisenhartt, H	S	15	B	2	1	5,600	23	9	...	2	...	11	"	...	54	60	Unkn	48	...	...	"	"	...	"	...	
874	Fairbanks, N. K	S	1200	B	9	4	80,000	750	290	...	60	...	350	"	1	60	50	No...	48	..	..	"	"	...	In & sl	3	
875	Gempp, Wm. T. & Co	H	9	B	1	1	700	5	4	...	...	...	4	"	...	60	60	" ..	52	...	...	"	"	...	In	...	
876	Goodwin Manufacturing Co	S	175	B	6	6	190,000	162	55	...	5	...	60	"	1	60	45	Unkn	51	...	...	"	"	...	"	2	
877	Hass, Jno G	S	25	B	3	3	45,450	50	20	...	...	...	20	"	...	57	60	"	52	...	...	"	"	...	"	...	
878	Shaeffer Bros. & Powell	S	75	B	2	2	9.740	53	46	...	4	...	50	"	...	60	60	No	50	...	..	"	"	...	"	...	
879	Spuering, Jno. & Co	S	75	B	2 & 1	2	7.500	30	7	...	...	...	7	"	...	54	60	Unkn	52	...	...	"	"	...	"	...	
880	St. Louis Tripoli Co	S	45	B	2	2	1,500	7	5	...	...	...	5	"	...	60	60	No...	20	...	...	"	"	...	"	...	
881	Thoemer & Baumann	S	20	B S W	2 & 1	1	3,500	2	28	...	...	...	28	"	...	54	60	" ...	26	...	...	"	"	...	"	...	
882	Waltke, Wm & Co	S	180	B	6	4	128,700	99	25	...	...	...	25	"	...	57	90	Unkn	52	...	...	"	"	...	In & sl	...	
883	Widen, Wm. H	S	10	B & S	2	2	4,800	62	10	...	..	..	10	"	...	60	60	"	30	...	...	"	"	...	In	...	
	Totals	...	...	...	...	...	487,090	1279	503	...	71	...	574	...	...	...	...	...	...	...	...	...	...	...	...		2

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minute allowed for dinner	Do employes belong to labor organization	During year has been Running full time (Weeks)	Running part time (Weeks)	Entry closed (Weeks)	Are doors unlocked during hours of labor	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Soda and Mineral Waters—																									
884	Ackerman, H.	S	6	B	3	1	2,100	12	9				9	Weekly		60	60	No	24			Yes	No		In	
885	American Mineral Water	S	5	B	2	2	2,800	16	10				10	"		60	60	No	32			Yes	No		In & al	
886	Briemeyer, H. C	S	5	B W	2	1	1,750	12	5				5	"		60	60	No	32			Yes	No		In	
887	Buff and Ran	S	2	B	2	1	1,225	16	10				10	"		60	60	Unkn	32			Yes	No		In	
888	Damharst, C	H		B	2	1	2,800	16	3				3	"		60	60	Unkn	32			Yes	No		In	
889	Fitzgibbon, Jno.	S	7	B	1	1	1,500	10	12				12	"		60	60	No	32			Yes	No		Out	
890	Fries, C. W	S	4	B	2	1	600	4	2				2	"		60	60	Unkn	26			Yes	No		In	
891	Grone & Co	S H	8	B	2	2	6,400	21	20				20	"		60	60	No	20			Yes	No		In	
892	Meyer & Meinhardt	H		B	1	1	2,100	6	8				8	"		57	60	No	36			Yes	No		In	
893	Sander, Enno	H		B	2	2	1,844	28	9				9	"		57	60	No	52			Yes	No		Both	
894	Seegers, J. B.	S	10	B	1 & 2	3	8,400	10	10				10	"		60	60	No	30			Yes	No		In	
895	St. Louis Carbonating and Mfg Co.	S	8	B	2	2	3,920	15	6				6	Semi-m		60	60	No	52			Yes	No		In	
896	Wetter, Herman	S	4	B	1	1	690	6	6				6	Weekly		48	60	No	44			Yes	No		In	
897	White, J.	S	5	B	2	1	1,500	8	6				6	"		60	60	No	32			Yes	No		In	
	Totals						37,629	180	116				116													
	Spring beds—																									
898	Foster Bros & Co	G	4	B	2	2	5,600	21	15				15	Weekly		58	30	No	50			Yes	No		Sl & In	
899	Mellon, P. H	S H	10	B	3	3	23,400	38	25				25	"		55	45	No	52			Yes	No		In	
900	Smith & Davis	S	65	B	8	4	9,500	97	90				90	"		60	60	Unkn	51			Yes	No		In	
	Totals						38,500	156	130				130													
	Stair builders—																									
901	Blumer & Kuhn	S	40	B	2	2	15,000	70	83				83	Bi-wkly	7	57	60	No	50			Yes	No		In	
902	Co-operative Stair Co.	S	15	B	2	2	4,800	24	25				25	"		48	60	Yes	52			Yes	No		In	
903	Frantz & Spengemann	H		B	2	2	1,540	25	10				10	Weekly		48	60	Unkn	44			Yes	No		In	
904	Frantz & Moder	S	10	B	2	2	2,400	32	10				10	"		54	60	Unkn	40			Yes	No		In	

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905	Hof, Philip	H		B	1	1	3,500	14	21				21	"		60	60	Unkn	52			Yes	No		In	
906	Reinhardt, J. W	H		B	2	1	4,620	20	11				11	"		54	60	Unkn	52			Yes	No		In	
907	Thorne & Fullerton	S	15	B	3	3	5,250	40	30				30	Bi-wkly	3	51	60	Unkn	52			Yes	No		In	
	Totals						35,110	235	190				190													
	Stamping works—																									
908	Standard Stamping Co.	S	50	B	4	4	29,250	54	83		7		90	Weekly		60	30	Unkn	52			Yes	No		In	1
909	St. Louis Stamping Co	S	100	B	1 to 4	8	307,875	1040	500		228		728	Bi-wkly	2	57	30	"	50			"	"	3or4	Both sl	5
	Totals						337,125	1094	583		235		818													6
	Steam heating apparatus—																									
910	Branch Steam Heating Co	S	6	B	2 & 1	1	1,750	8	11				11	Bi-wkly		57	60	No	36			Yes	No		In	
911	Brislin-Sheble Mfg. Co	H S	50	B	3	1	8,800	18	30				30	Weekly		57	60	Unkn	52			"	"		Both	2
	Totals						10,550	26	41				41													2
	Straw works—																									
912	St. Louis Straw works	S	1½	B	3	1	1,000	5	2		3		5	Weekly		60	60	No	30			Yes	No		In	
913	Union Straw works	H		B	3	1	1,975	11	2		3		5	"		60	60	"	52			"	"		In	1
	Totals						2,975	16	4		6		10													1
	Stone yards—																									
914	Bruce, G. P.	H		W	1	1	13,500	6	8				8	Weekly		48	60	Unkn	44			Yes	No		Out	
915	Carthage Marble Co	H		W			40,500	0	5				5	Bi-wkly		60	60	"	40							
916	Glendale Quarry Co	S	50	W	1	1	8,100	20	13				13	Semi-m		66	60	No	52			Yes	No		Both	
917	Pickel, Geo. & Bros	S	40	W	2 & 1	2	11,200	38	15				15	Weekly		54	60	Unkn	52			"	"		In & sl	
918	Pickel Stone Co	S	50	B&W	1	1	7,500	38	30				30	Bi-wkly		54	60	Yes	52			"	"		In & sl	
919	St. Louis Cut Stone Co	S	50	B&W	1	1	12,500	42	40				40	"		54	60	"	52			"	"		In & sl	
	Totals						93,300	144	111				111													
	Store fixtures—																									
920	Beattie Mfg. Co	S	125	B	6	6	47,088	108	110				110	Weekly	1	54	40	Part	36			Yes	No		Both	1
921	Cloes & Lehnbeuter	S	40	B	4 & 2	6	46,000	122	145				145	"		60	30	Yes	52			"	"		Both	1
922	Labbe & Handge	H		B&W	2	1	600	5	16				16	"		57	60	Unkn	36			"	"		In	
923	Pauk, H. & Sons	S	45	B	3 & 1	4	31,200	46	50				50	"		60	60	"	52			"	"		In	
924	Sartore & Dungey	H		B	2	1	6,500	12	25				25	"		54	60	"	52			"	"		In	
925	Standle & Rueckholott	S	25	B	1	1	6,750	8	20				20	"		60	60	"	52			"	"		In	
926	Seidel & Winkler	H		B	4	1	2,700	15	12				12	"		60	90	"	32			"	"		In	1
	Totals						140,838	316	378				378													3

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 19	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weekly)	Running part time (Weekly)	Entirely closed (Weekly)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Stoves and ranges—																									
927	Bridge, Beach & Co	S	100	R			108,800	453	245				245	Weekly		60	60	Yes	52			Yes	No		Both	
928	Bucks Stove and Range Co	S	200	BS W	4 & 5	3	80 250	170	225				225	Bi-wkly	6	60	60	Unkn	49			Yes	No		"	
929	Evers Stove Mfg. Co	S		B	1 & 3	3	12,951	111	38				38	Weekly		53	60	Yes	36			Yes	No		Slide	
930	Excelsior Mfg. Co	S	150	B	4		155,276	542	422				422	Bi-wkly	6	54	30	Unkn	46			Yes	No	1	Both	8
931	Front Rank Steel Furnace Co	H		B	3	2	9,000	24	20				20	Weekly		60	60	Unkn	52			Yes	No		In	
932	Majestic Mfg. Co	S		B	2		21,000	44	25				25	Bi-wkly		60	30	No				Yes	No		In	
933	Western Stove Mfg. Co	S	40	B	4	4	19,650	79	54				54	Weekly	4	57	60	Part.	40			Yes	No		In & al	
934	Wrought-iron Range Co	S	35	B	4	4	105,000	198	240				240	Bi-wkly	1	60	52	Part.	48			Yes	Yes		In	4
	Totals						511,937	1621	1269				1269													7
	Tailor shops—																									
935	Fox, Samuel	H		B	3	1	600	2	2		6		8	Weekly		60	60	No	26			Yes	No		In	
936	Fox, Michael	H		B	3	1	600	2	2		3		5	Weekly		60	60	No	26			Yes	No		In	
937	Goldstein & Hofner Co	H		B & S	3	1	500	2	6				6	Weekly		Op	Op	No				Yes	No		In	
	Totals						1,700	6	10		9		19													
	Tanneries—																									
938	Driscoll, Timothy	S	30	BW	2	2	3,525	22	7				7	Weekly		60	60	No	52			Yes	No		In	
939	Hanigan, Daniel	S	2	W	2	2	2,400	28	4				4	"		55	60	No	52			Yes	No		Out	
940	Hartman, E., Hides & Leather Co	S	30	B	3 & 1	4	22,500	67	33				33	"		60	60	Unkn	52			Yes	No		In	
941	Hermann & Koenletza	S	50	B	3 & 1	4	17,800	47	25				25	"	1	60	60	Unkn	52			Yes	No		Both	
942	Kessler, A	S	30	B	3 & 2	5	19,250	63	30				30	"		60	60	Unkn	52			Yes	No		In & al	
943	Spohr, Emil	S	50	BS W	2 & 1	3	18 750	71	30				30	"		60	60	Unkn	48			Yes	No		In	
944	Rock Springs Tanning Co	S	25	BW	2	2	12,000	46	10				10	"		60	60	Unkn	52			Yes	No		In	

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945	Steffer, Jacob	S	5	W	2	2	4,200	22	4	..	....	....	4	"	....	48	60	No...	52	....	....	Yes	No	....	In.	....
946	Wolfheim, M.	S	3	W	2 & 1	3	4,500	30	5	..	....	....	5	"	....	55	60	Unkn	40	....	....	Yes	No.	....	Out..	....
	Totals	....	....	....	....	..	104,925	396	148	..	..	..	148															
	Tin and Japanned ware—																											
947	American Can Co	S	20	B	3 & 2	5	32,500	42	35	....	....	....	35	Weekly	1	57	60	Unkn	52	....	....	Yes	No.	....	In....	1
948	Beakey, James	H	....	B	5	2	9,000	22	18	....	....	....	18	"	..	60	30	Unkn	52	....	....	Yes	No.	....	In	1
949	Brandon, Geo.	HS	3	B	2	1	3,000	24	10	....	....	....	10	"	....	57	60	Unkn	52	....	....	Yes	No	....	In. ..	....
950	Geisel, A. Mfg. Co.	S	2½	B	2	1	1,320	12	4	..	3	....	7	"	....	60	30	No...	52	....	..	Yes	No	....	In....	....
951	Gresel, A. Mfg. Co	S	44	B	5	5	53,775	125	120	....	....	....	120	"	....	60	60	Unkn	52	....	....	Yes	Yes	....	Both..	1
952	Stirrat, P. J	H	....	W	1	1	800	3	5	....	....	....	5	"	....	60	60	No...	52	....	....	Yes	No.	....	In....	....
	Totals	....	....	....	....	....	100,395	228	192	....	5	..	195															3
	Tobacco factories—																											
953	Butler, Jas. G	S	200	B & S	7 & 1	7	100,000	168	190	....	212	....	402	Weekly	....	60	30	Unkn	49	....	....	Yes	No	....	Out...	3
954	Catlin Tobacco Co	S	75	S & B	5	5	58,125	110	54	....	125	....	179	"	....	54	30	"	51	....	....	"	"	....	Out...	2
955	Central Tobacco works	H	....	B	3	2	5,500	9	7	....	....	....	7	"	..	60	60	"	....	....	....	"	"	....	In....	....
956	Drummond Tobacco factory	S	175	B	5 & 1	6	98,500	275	373	2	349	1	725	"	1	60	60	Part	50	....	....	"	"	..	Both..	4
957	Hills, Wm. G	S	45	B & S	3 & 1	4	7,860	69	7	....	29	....	36	"	....	54	30	"	62	....	....	"	"	....	Both..	....
958	Liggett & Meyers Tobacco Co	S	600	B & S	6 & 1	3	57,050	696	613	....	687	....	1300	"	....	60	30	Unkn	47½	....	....	"	"	....	Out...	6
959	McCabe, Henry	H	....	B	4	1	810	06	5	8	....	....	13	"	....	52	60	"	52	....	....	"	"	....	In....	....
960	Miller & Worley	S	35	B	4	4	9,600	80	35	....	..	..	35	"	..	60	45	"	48	....	....	"	"	....	In....	....
961	Pepper, Christian	S	65	B	6 & 1	9	56,250	156	77	....	130	..	207	"	1	55	30	"	52	....	....	"	"	....	Both..	2
962	Wiesert Bros	S	20	B	3 & 4	4	15,600	30	10	..	15	....	35	"	....	54	60	"	52	....	....	"	"	....	In....	....
	Totals	....	....	....	....	....	409,325	1599	1381	10	1547	1	2939															18
	Tool dressers—																											
963	Roth, B., Tool Co	S	20	B	2 & 1	3	7,840	46	35	....	....	....	35	Weekly	....	60	60	No...	52	....	....	Yes	No.	....	Both..	....
964	Schneddig, E. & Son	S	2	B	2	1	875	3	5	....	....	....	5	"	....	60	60	" ..	52	....	....	"	"	....	In....	....
965	Stegmann, J	S	3	B	2 & 1	1	2,250	7	7	....	....	....	7	"	....	57	60	Unkn	52	....	....	"	"	....	In....	....
966	Stis, Joseph	H	...	W	1	1	600	10	6	....	....	....	6	"	..	57	60	"	52	....	....	"	"	..	In....	....
	Totals	....	....	....	....	....	11,565	66	53	....	....	....	53															
	Tonic beer factories—																											
967	Cornwall, Dr. J	E	2	B	1	1	2,500	4	15	....	....	....	15	Weekly	....	54	60	No...	26	....	....	Yes	No	....	In....	....
968	Eclipse Carbonating Co	E	4	B	2	1	3,750	15	20	....	....	....	20	"	....	60	60	Unkn	20	....	....	"	"	....	In....	....
	Totals	....	....	....	....	....	6,250	19	35	....	....	....	35															
	Toy manufactories—																											
969	Coe Mfg. Co.	E	3	B	4 & 3	1	3,000	12	10	....	....	....	10	Weekly	....	57	60	Unkn	52	....	....	Yes	No	....	In....	....
970	St. Louis Refrigerator & W. Gutter Co	S	400	B	2 & 3	3	120,000	105	300	....	10	....	310	"	2	60	60	"	51	....	....	"	"	3	Slide..	....
971	Udell & Crumden	S	45	B	4	....	28,800	121	54	....	6	....	60	"	3	60	50	No...	52	....	....	"	"	1	In....	1
	Totals	....	....	....	....	....	151,800	238	364	....	16	....	380															1

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. of square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 18	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been Running full time (Weeks.)	Running part time (Weeks.)	Entirely closed (Weeks.)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No. of accidents in past year	Do doors open in or out?	No. of outside fire-escapes
	Trunk factories—																									
972	George, C.	H	...	B	2	1	600	3	4	...	...	...	4	Weekly	...	60	60	Unkn	52	...	...	Yes	No.	...	In	...
973	Herkert & Meisel	H	...	B	3 & 3	6	12,900	47	30	...	...	...	30	"	...	60	60	"	52	...	...	Yes	No.	...	In	...
974	Murphy, P. C.	S	20	B	4 & 5	6	16,800	62	85	...	...	...	85	"	...	60	60	"	52	...	...	Yes	No.	...	Both	...
975	Quirk, James A	H	...	B	4	2	3,700	16	25	...	...	...	25	"	...	60	60	"	52	...	...	Yes	No.	...	In	...
976	Wallis & Zimmerly	H	...	B	3	1	1,375	6	3	...	...	...	3	"	...	60	60	"	52	...	...	Yes	No.	...	In	...
	Totals	...	...	...	...	...	35,375	134	147	...	...	...	147													
	Type foundries and stereotypes—																									
977	Central Type foundry	S	20	B	4	4	26,000	88	85	...	30	...	115	Weekly	...	60	60	Unkn	48	...	...	Yes	No.	1	Both	1
978	Drach, Chas. A.	S	...	B	4	1	4,180	21	30	...	...	...	30	"	...	60	60	"	52	...	...	Yes	No.	..	In	2
979	St. Louis Type foundry	S	46	B	5	5	33,000	145	78	...	...	...	78	"	1	48	30	"	52	...	...	Yes	No.	...	Both	...
	Totals	...	...	...	...	...	63,180	254	193	...	30	...	223													3
	Type-writer factory—																									
980	Lasar Type-writer Co	S	30	B	3	3	9,600	68	11	...	1	...	12	Weekly	...	60	60	Unkn	...	..	...	Yes	No.	..	In	...
	Totals	...	...	...	...	...	9,600	68	11	...	1	...	12													
	Upholsterers—																									
981	Kostuba, C. J	H	...	B	3 & 1	2	10,800	38	31	...	1	...	32	Weekly	...	60	60	Unkn	52	...	..	Yes	No.	...	In	...
982	Manne, L.	H	...	B	3	1	800	1	6	...	...	...	6	"	...	60	60	"	52	...	...	"	"	..	In	...
983	Prufrock, W	H	...	B	2 & 3	2	6 375	83	65	...	6	...	71	"	...	48	60	"	52	...	...	"	"	...	In	...
984	Scarritt Furniture Co	S	5	B	6 & 1	4	27,000	48	64	...	1	...	65	"	...	60	60	Yes.	52	...	...	"	"	...	In	2
985	Schumacher & Ludholt	H	...	B	2	2	9,600	16	16	...	...	...	16	"	1	60	30	Unkn	52	..	...	"	"	...	In	...
986	St Louis Upholstery Co	H	...	B	1	3	2,750	24	14	...	...	...	14	Semi-m.	...	57	60	"	52	..	...	"	"	..	In	...
	Totals	...	...	...	...	...	57,325	210	196	...	8	...	204													2

987	Varnish factories—																									
	Robbins, A. C	H	..	B	1	1		6	3				3	Weekly		54	60	Unkn	40			Yes	No		In	
988	St. Louis Varnish Co	H		B&S	1	1	750	6	5				5	"		58	60	No	52			"	"		Out&sl	
	Totals						750	12	8				8													
	Vinegar and Cider																									
989	Alden Vinegar Co	S	10	B&W	4 & 2	3	14,650	20	8				8	Weekly		55	60	No	52			Yes	No		In	
990	Clark, J. E	S	40	B	4 & 2	6	13,750	57	15				15	"		60	60	Unkn	32			Yes	No		In	
991	Crown Vinegar factory	S	3	B	3	1	3,000	15	4				4	"		60	60	Unkn	52			Yes	No		In	
992	Dodson-Hils Mfg. Co	S	24	B	3	3	9,600	44	6				6	"		70	60	No	52			Yes	No		In	
993	Eagle Vinegar and Pickle works	S	7	B&W	1 & 1	2	4,800	28	4		2		6	"		60	60	No	52			Yes	No		In	
994	Graf, A. & Co.	H		B	3		12,150	35	8				8	"		60	60	Unkn	52			Yes	No		In	
	Totals						57,950	199	45		2		47													
	Wagon-makers and repairers—																									
995	Anheuser-Busch Brewing Ass'n	S	16	B	1	1	7,200	10	15				15	Weekly		60	60	No	52			Yes	No		In	
996	Andreas and C. D. Anderson	H	..	B	2	1	1,200	11	5				5	"		55	60	No	52			Yes	No		Out	
997	Barbein, Henry	H	..	B&W	2 & 1	3	4,500	12	6				6	"		57	60	Unkn	52			Yes	No		Both	
998	Boetteler, Fred	H	..	B	2	2	3,800	25	5				5	"		54	60	Unkn	52			Yes	No		In	
999	Bothe, H. H	S	30	B & I	4 & 2	4	19,200	76	45				45	"		57	90	Unkn	52			Yes	No		Out	
1000	Eicks, H. & Son	H		B	3 & 2	2	4,800	14	10				10	"		57	60	No	52			Yes	No		In	
1001	Erdman, Louis	H		B	1	1	4,875	11	7				7	"		60	60	No	52			Yes	No		In	
1002	Geldbach, Jacob	H		B	1	1	1,800	8	5				5	"		55	60	Unkn	52			Yes	No		Both	
1003	Gestring, C.	H	..	B	3 & 4	5	25,000	97	60				60	Bi-wkly		57	60	No	52			Yes	No		In	
1004	Hobusch, A.	H		B	2	2	3,080	26	7				7	Weekly		60	60	Unkn	52			Yes	No		Both	
1005	Huber, C	H	..	B&W	2 & 1	3	3,675	16	5				5	"		57	90	Unkn	52			Yes	No		Out	
1006	Jukl, John	H		B	2	2	2,450	17	4				4	"		54	60	Unkn	52			Yes	No		In	
1007	Kern, Joseph	H		B	2	2	1,840	28	10				10	"		60	60	Unkn	52			Yes	No		In	
1008	Klenger, T. J	H		B	2	2	3,900	35	20				20	"		54	60	Unkn	52			Yes	No		In	
1009	Kreidel, Ernst	H	..	W & I	1	1	2,625	16	7				7	"		60	60	Unkn	52			Yes	No		Both	
1010	Kuntz & Jantzen	H	..	B	1	1	1,800	8	5				5	"		57	60	Unkn	52			Yes	No		Out	
1011	Linstroth Wagon Co	H		B&W	2 & 3	5	5,525	32	20				20	Semi-M		60	45	Yes	52			Yes	No		In	
1012	Luedinghaus-Espenschied	S	100	B	3 & 4	7	45,200	130	100				100	Bi-wkly		60	50	Unkn	30			Yes	No		Out	
1013	Luking, J.	H		B&W	2	1	7,000	16	25				25	Weekly		60	90	Unkn	52			Yes	No		Both	
1014	Mattson, Erik	H		B&W	3, 1&1	5	4,600	24	10				10	"		57	60	Unkn	52			Yes	No		In	
1015	Mayer, Wm	H		W	1	1	900	6	5				5	"		60	60	No	52			Yes	No		Out	
1016	Miller, Wm	H		B	2	1	3,750	6	8				8	"		60	60	Unkn	52			Yes	No		In	
1017	Mueller & Burmeister	H	..	W	1	1	6,400	18	6				6	"		60	60	Unkn	52			Yes	No		In	
1018	Murphy & Bros	H	..	B	4 & 2	6	23,200	55	25				25	Bi-wkly		57	60	Unkn	52			Yes	No		Both	
1019	Neukum, Bein	H		B&W	2	1	3,000	10	5				5	Weekly		57	60	No	52			Yes	No		Out	
	Totals						191,820	707	420				420													

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No of accidents in past year	Do doors open in or out?	No. of outsidees. fire-escap.
	Wagon makers and repairers—																									
1020	Petering, Wm	H		W	2	2	2,250	8	4				4	Weekly		57	60	No	52			Yes	No		In	
1021	Renner, Jacob	H		B	1	1	2,400	8	6				6	"		57	60	Unkn	52			Yes	No		Out	
1022	Ringstmeier, A. J	H		B	2	1	1,260	8	4				4	"		57	60	Unkn	52			Yes	No		In	
1023	Sewing, Herman	H		B	2	2	4,500	21	8				8	"		57	45	Yes	52			Yes	No		Both	
1024	Schea, G	H		W	1	1	1,800	6	5				5	"		57	60	No	52			Yes	No		Out	
1025	Schaeffer, Wm	H		B	1 & 2	2	7,600	27	17				17	"		57	60	Unkn	52			Yes	No		Both	
1026	Siebke, Henry	H		B	2	2	1,315	13	8				8	"		60	60	Unkn	52			Yes	No		In	
1027	Weber & Damme	H		B	2 & 2	4	17,200	37	45				45	Bi-wkly		57	60	No	45			Yes	No		Out	
1028	Weiss, G. & Co	H		W	1	1	1,750	8	5				5	Weekly		60	60	Unkn	52			Yes	No		In	
	Totals						40,075	138	102				102													
	Warehouses—																									
1029	Gilsinite Roofing and Paving Co	H		B	1	1	5,900	30	30				30	Weekly		57	60	Unkn	40			Yes	No		In	
1030	Graham Paper Co	S	100	B	1 & 2	3	16,625	48	20		28		48	"		60	60	Unkn	52			Yes	No		In & sl	
1031	Gratiot Street Warehouse	S	40	B	4	4	50,000	76	10				10	"		60	60	Unkn	52			Yes	No		Slide	
1032	Peper Tobacco Warehouse,	S	30	B	6	2	51,000	60	15				15	"		60	60	Unkn	30			Yes	No		In & sl	
1033	Refrigerator A. R. T. Warehouse	H		W	2	1	8,000	3	15				15	"		60	60	No	26			Yes	No		In	
1034	Talbot & Lischen	S	16	B	3 & 1	4	130,000	32	6				6	"		60	60	No	52			Yes	No		Out	
1035	Union Depot Warehouse	Hy		B	3	3	72,000	86	30				30	"		60	60	Unkn	52			Yes	No		Slide	
	Totals						336,525	335	126		28		154													

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	White lead and oils—																								
1036	Collier White Lead and Oil Works	S	405	B & W	4, 2 & 1	5	61,200	128	160				160	Weekly	1	66	30	Yes	52			Yes	No	Both	
1037	Crown Linseed Oil Co	S	105	B I W	1 & 5	2	10 250	25	40				40	"		60	30	Unkn	46			Yes	No	Both	1
1038	Imperial Paint and Oil Co	S		W & I	1	1	2,100	10	4				4	Semi-M		60	60	Unkn	40			Yes	No	In	
1039	Mound City Paint and Color Co	S	150	B	2 & 4	2	12,500	25	20				20	Weekly		69	Op.	Unkn	16			Yes	No	In & sl	
1040	Red Seal Castor Oil Co	S	60	B	4 & 2	4	36,000	54	20				20	"	1	60	60	Unkn	40			Yes	No	In & sl	1
1041	Southern White Lead Co.	S	150	B	3 & 1	3	45,000	105	62				62	"		60	60	Unkn	46			Yes	No	In & sl	
1042	St. Louis Lead and Oil Co	S	350	B	4	4	48,000	98	70				70	"	1	60	60	Unkn	52			Yes	No	Slide	1
1043	Waters-Pierce Oil Co.	S	75	B & W	1, 2 & 1	4	17,824	70	63				63	Bi-wkly.		58	45	No	44			Yes	No	Slide	
	Totals						345,374	515	439				439												3
	Willow ware works—																								
1044	Boekers, A	S	16	B	3	3	7,000	27	35		5		40	Bi-wkly.		60	50	Unkn	52			Yes	No	In	
1045	Huke, Wm	H		B	3	1	625	3	5	1			6	Weekly		60	60	No	52			Yes	No	In	
1046	Portman's Willow Ware works	H		B	3	1	3,675	4	4				4	"		60	60	No	26			Yes	No	In	
	Totals						11,300	34	44	1	5		50												
	Window shades—																								
1047	American Shade Co	S	10	B & S	2 & 1	3	5,375	42	7		3	1	11	Weekly		57	60	Unkn	52			Yes	No	In	
1048	Anderson, S. J	S	3½	B	2	1	750	7	5	1			6	"		60	60	Unkn	52			Yes	No	In	
1049	Kelly, M	H		B	2	2	1,080	6	5				5	"		54	60	Unkn	36			Yes	No	In	
	Totals						7,205	55	17	1	3	1	22												
	Wire works and wire—																								
1050	Broderick & Bascom	S	120	B	1	1	65,625	90	40		35		75	Bi-wkly.	6	60	30	Unkn	52			No	No	Slide	
1051	Continental Wire Co	S	360	B & W	1	1	60,000	38	68				68	Semi-M	5	60	37½	Unkn	52			Yes	No	Slide	
1052	Excelsior Wire and Iron Co	G	7½	B & S	4	4	7,000	25	20				20	Weekly		54	30	Unkn	40			Yes	No	Both	
1053	Field-Lange Wire and Metal Co	E	8	B	3	2	8,000	31	8				8	"	1	59	30	No	52			Yes	No	In	
1054	Hulbert Fence and Wire Co	H		B	3	3	5,460	34	3				3	"		54	30	No	40			Yes	No	In	
1055	Leschen, A & Sons	S	30	B	1 & 1	1	13,200	30	25				25	"		60	45	Unkn	52			Yes	No	In	
1056	Ludlow-Saylor Wire Co	E	25	B	6 & 1	7	31,500	125	40				40	"		60	30	Unkn	52			Yes	No	No	
1057	St. Louis Wire-Mill Co	S	800	B & I	4 & 1	5	24,000	450	225				225	Semi-M	5	60	60	Yes	52			Yes	No	In & sl	1
1058	Tiesler, C	H		B & W	1	1	630	3	5				5	Weekly		60	60	Unkn	40			Yes	No	In	
	Totals						215,415	826	434		35		469												1
	Wood-working machinery—																								
1059	Hall & Brown, wood-working	S	50	B	2	2	22,500	110	125				125	Weekly	7	60	60	Unkn	52			Yes	No	In & sl	
1060	Johnson, Moses	E	15	B	4 & 3	7	38,800	54	15				15	"		60	60	Unkn	52			Yes	No	In	
1061	Yerkes & Fenair	S	25	B	2	2	11,000		43				43	"		60	60	Unkn				Yes	No	In & sl	
	Totals						72,300	164	183				183												

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CONDITION OF WORKSHOPS AND FACTORIES—Continued.

ST. LOUIS.

Establishment No.	Name of establishment.	Kind of power	No. of horse-power	Kind of building	Height of building in stories	Floors occupied by factory	No. square feet of floor	No. of windows in factory	Average No. of employes. Men	Boys under 12	Women	Girls under 14	Total number of employes in factory	How often are employes paid?	How many days' wages are withheld on each pay-day?	Weekly hours of labor	Minutes allowed for dinner	Do employes belong to labor organization?	During year has been: Running full time (Weeks)	Running part time (Weeks)	Entirely closed (Weeks)	Are doors unlocked during hours of labor?	Is there elevator for employes?	No of accidents in past year	Do doors open in or out?	No of outside fire-escapes
	Wood engravers—																									
1062	Market Bros	H	....	B	3	1	750	7	6	....	....	....	6	Weekly	....	48	60	Unkn	52	....	....	Yes	No	....	In	....
1063	St. Louis Engraving Co	H	....	B	3	2	900	6	7	....	....	....	7	"	....	54	60	Unkn	52	....	....	Yes	No	....	In	....
1064	Zeiser, G. A	H	....	B	3	1	770	7	6	....	....	....	6	"	....	48	60	Unkn	52	....	....	Yes	No	....	In	....
	Totals	....	....	....	....	....	2,420	20	19	....	....	....	19													
	Wood turners—																									
1065	Evers, Henry	S	45	B	2	2	6,350	34	10	....	....	....	10	Bi-wkly	....	57	60	Unkn	52	....	....	Yes	No	....	In	....
1066	Hendrich, A	S	10	B	3	1	2,000	16	2	....	....	....	2	Weekly	....	57	60	No	52	....	....	Yes	No	....	In	....
1067	Lechmann, Julius	S	18	B	2	1	1,575	9	13	....	....	....	13	"	....	60	60	Unkn	52	....	....	Yes	No	1	Out	....
1068	Prenius, J A	H	....	BW	2	1	900	7	7	....	....	....	7	Bi-wkly	....	57	45	Unkn	52	....	....	Yes	No	....	In	....
1069	Schlader, F	S	5	B	3	1	1,600	9	5	....	....	....	5	Weekly	....	54	60	Unkn	52	....	....	Yes	No	....	In	2
1070	Seidel, E. F	H	....	B	4	3	24,750	32	57	....	....	....	57	"	....	57	60	Unkn	52	....	....	Yes	No	....	In	....
	Totals	....	....	....	....	....	37,175	107	94	....	....	....	94	....	....	....	....	....	....	....	....	....	....	....	....	2
	Zinc works—																									
1071	Edgar, S. C.	S	60	BW	1	1	8,750	45	250	....	....	....	250	Monthly	14	54	60	Unkn	52	....	....	Yes	No	....	Out	....
1072	Page & Krausse	S	250	BW	3	3	45,000	104	32	....	....	....	32	Weekly	....	72	60	No	52	....	....	Yes	No	....	Both	....
	Totals	....	....	....	....	....	53,750	149	282	....	....	....	282													

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FACTORY INSPECTION FOR ST. LOUIS.

AGRICULTURAL ESTABLISHMENTS.

No. 1. Only first floor used; no machinery used; no light; no heat; building old and dilapidated.

No. 2. Water in barrels on each floor, also fire plug hose and buckets. No light; heated by stoves: general condition good.

No. 3. Paint, oil and varnish on third floor; water barrels, buckets and sandbags all through building; no elevator; few employes work in foundry in the basement, which is dark and hot; balance of building well lighted and ventilated.

ARCHITECTURAL IRON WORKS.

No. 4. Two stairways. Hose and water; condition good. Most of the employes in late strike, which was unsuccessful.

No. 5. Water, barrels and buckets. Not lighted; heated by stoves. Condition good.

No. 6. Not lighted; heated by forge and stove. Condition good.

No. 7. Two stairways. Water and buckets throughout works, and fire-alarm signals. Electric lights; heated by steam. Good condition.

No. 8. Two stairways and fire-escape. Barrels of water on each floor; special wire to engine house. Lighted by electricity; heated by steam and stoves. New sheet-iron building just erected, which will relieve the present crowded condition.

No. 9. Barrels of water in machine shop; hose in foundry. Lighted by gas; heated by steam. Door kept locked during work hours. Stairways both inside and outside.

No. 10. One stairway. No machinery. Lighted by gas, heated by stoves. Condition good.

No. 11. Two stairways. Lighted by electricity; heated by stoves. Condition good.

No. 12. No danger of and no provisions against fire. No light needed; heated by stove and forge. Working but half force at present owing to the eight hour movement, which they decline to adopt.

No. 13. Seats provided for women. Lighted by gas; heated by stoves. Condition fair.

No. 14. One stairway. Hydrant and buckets on each floor. Lighted with gasoline lamps; heated by stoves; seats provided. Shop poorly lighted, well ventilated.

No. 15. Hydrant and buckets. Seats provided. Lighted by gas; heated by stove. Good condition.

No. 16. One stairway. Hand grenades; barrels of water and buckets on each floor. Lighted by gas; heated by stove. Seats provided. Well ventilated.

No. 17. Seats provided. Condition of floor ought to be improved. Lighted by gas; heated by stoves.

No. 18. One stairway. Seats provided, but owing to the work being spread on floor the stools are very low. General condition of shop poor.

No. 19. One stairway. Seats provided. Gas stoves. Fair condition.

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No. 20. One stairway. Seats provided. Coal oil. Stove; well ventilated. Well lighted.

No. 21. One stairway. Seats provided. Lighted by gas. Heated by stove. Ceiling low; use gas light to see by in day-time.

No. 22. One stairway. Seats provided. Lighted by gas. Heated by stove. Good condition, except freight elevator is without guard-rails; they have been ordered.

BAGS AND BAGGING.

No. 23. One stairway in front and one in rear. No seats provided, though the work partly permits them. Lighted by electricity. Heated by steam. The mill building is old. Dangerous parts of machinery boxed.

No. 24. The work does not permit seats for women. Dust arising from the natural conditions of the factory has been reduced to minimum by fans. Lighted by electricity. Heated by steam.

No. 25. Three fire-escapes. Seats are provided. Lighted by electricity. Heated by steam. Shop clean and airy. Condition excellent.

No. 26. Four stairways, one fire-escape. Water in barrels, hand grenades and sand buckets on each floor. Provided with seats. Lighted by gas and electricity. Heated by stoves. Ceiling rather low, but everything cleanly and well ventilated so that condition is good.

No. 27. Four fire-escapes and wide stairway. Fire extinguisher, fire brigade. fire indicator and alarm. Seats provided. Lighted by electricity. Heated by steam. Every precaution for the safety of the employes has been taken. Excellent sanitary condition.

BAKERIES.

No. 27½. One stairway. Work does not admit of seats. Lighted by gas. Heated by steam. Elevator gates close automatically. Condition excellent.

No. 28. Fire extinguishers on each floor. Lighted by gas. Ovens give sufficient heat. Being enlarged will be very commodious.

No. 29. One stairway. Work does not permit seats. Lighted by gas. Heated by steam. Condition good.

No. 30. Lighted by gas. Heated by oven and stove. Condition good.

No. 31. Condition good. Lighted by gas. Heated by stove and oven.

No. 32. One stairway. Hose and water on each floor. Lighted by gas. Heated by ovens. Located in basement with ovens in rear makes it very hot; otherwise good condition.

No. 33. Fair condition.

No. 34. Hose and hydrant. Lighted by gas. Heated by stove. Building old. Floors scrubbed.

No. 35. One stairway. Lighted by gas. Heated by steam. Conditions good.

No. 36. Two stairways. Water and hose. Lighted by electricity. Heated by steam. Condition very good.

BASKET FACTORIES.

No. 37. Work does not permit seats. Lighted by lamps. Heated by stove. Condition good.

No. 38. Two stairways. Seats are provided. Condition fair.

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BATH-TUB FACTORIES.

No. 39. Hydrant and hose. Lighted by gas. Heated by steam. Condition good.

No. 40. Lighted by gas. Heated by stoves. Condition good.

No. 41. One stairway. Barrels of water, buckets and hose. No light. No heat. Condition excellent.

BOAT-BUILDING.

No. 42. One stairway. Not lighted. Heated by forge. Little or no work during winter. Condition fair.

No. 43. Water barrels and buckets. Lighted by gas. Heated by steam. Condition fair.

No. 44. No light. No heat. The building is a shed to keep off the hot sun and rain.

BOILER WORKS.

No. 45. The only iron boat-building works between Dubuque and New Orleans.

No. 46. No light. No heat. Condition fair.

No. 47. Lighted by electricity. Heated by stoves. Condition good.

No. 48. Lighted by gas. Heated by stoves and furnaces. Condition fair.

No. 49. Lighted by electricity. No heat. Model shop of its kind. Condition excellent.

BONE-BLACK.

No. 50. Provided for against fire. Lighted by lamps. Heated by stoves and furnaces. Lime used freely about premises. Condition good.

No. 51. On River des Peres, from which water can be pumped by engine in use. Not lighted. Heated by furnace.

No. 52. Two stairways. Provided against fire. The odor is offensive, but it does not appear to have any bad effect on the employes. Carbolic acid used to kill disease germs. For works of the kind the condition is good.

No. 53. Stairways in each building. Bridge across street connecting buildings. Hose and water in barrels. Ventilators and fans to draw off foul odor. Carbolic acid and tar used as disinfectants. Like all establishments of the kind, the employes are for most part Austrians, Russians and Hungarians, unable to speak the English language.

No. 54. Grease and oils are used, and are inflammable. Water in barrels in case of fire. Building very old, but work-shop kept in good condition.

BONNET FRAME FACTORIES.

No. 55. One stairway. Seats are provided. Lighted by gas. Heated by stove. Room is close and warm; otherwise condition fair.

No. 56. Seats are provided. Lighted by gas. Heated by gas. Condition good.

BOOK-BINDERS.

No. 57. Two fire-escapes; hall stairway. Fire extinguishers on each floor. Seats are provided. Lighted by gas. Heated by steam. Condition first class.

No. 58. Barrels and stand-pipe with water and buckets. Seats are provided. Lighted by gas. Heated by stove. Males and females use same closets; otherwise condition good.

No. 59. One stairway. Males and females use same closets. Seats are provided. Lighted by gas. Heated by stove.

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No. 60. Provisions against fire on each floor. Seats are provided. Separate dressing rooms. Lighted by lamps. Heated by stoves. Condition fair.

BOX FACTORIES.

No. 61. Have automatic sprinklers. Not lighted. Heated by stove. Condition good.

No. 63. Barrels of water and buckets. Automatic sprinklers. Lighted by gas. Heated by stoves. Condition good.

No. 64. Building old and rickety. Barrels of water on each floor. Lighted by coal oil lamps. Heated by stoves. Old rickety building in poor condition. Order: To change stairway or main belt so that men would not have to come in contact with belt in passing up and down stairs.

No. 65. Stairway to basement. Barrels of water, hydrant and buckets to provide against fire. Not lighted. Heated by stoves. Condition fair.

No. 66. One stairway. Water barrels and hose. Lighted by gas. Heated by steam.

No. 67. One stairway. Lighted by gas. Heated by steam. Order given to put guard around elevator opening on second floor.

No. 68. Outside stairway. No care taken to clean up rubbish on floor. Barrels of water and buckets as a provision against fire. Lighted by gas. Heated partly by stove. Order given to place guard around elevator.

No. 69. Inflammable material—wood, shavings and saw-dust. Have automatic sprinkler. Lighted by lamps. Heated by steam. Conditions good.

No. 70. Inflammable material, shavings. Barrels of water and buckets. Not lighted. Not heated.

No. 71. Inflammable material; pine lumber and saw-dust. Automatic sprinkler, hose and barrels of water. Lighted by gas. Not heated. Attention called to several holes in floor. Building old and shop in poor condition.

No. 72. Inflammable material; shavings. Barrels of water and buckets. Lighted by electricity. Heated by steam. Condition good.

No. 73. One stairway. Hose and water. Lighted by electricity. Heated by steam. New building. Condition good.

No. 74. One stairway. Inflammable material; seasoned pine. Hose and buckets. Lighted by lamps. No heat required. Old worthless building. Shop kept in fairly good condition.

No. 75. One stairway. Barrels of water, buckets and automatic sprinkler. Lighted by gas: heated by steam. Condition good.

No. 76. Inflammable material; shavings and sawdust. Barrels of water and buckets. Not lighted; not heated. Condition good.

No. 77. Outside stairway. Lighted by lamp; heated by stove. Condition poor.

BRASS MAKERS.

No. 78. Not lighted; heated by stove. Building old.

No. 79. Stand-pipe and water on each floor. Lighted by gas; heated by stove. Water-closet in yard. Condition very fair.

No. 80. Lighted by gasoline lamps; heated by stove. Condition good.

No. 81. Lighted by gas; heated by stove. Condition fair.

No. 82. Front and rear stairs. Lighted by gas; heated by stove. Condition pretty good.

No. 83. Lighted by gas; heated by steam. Condition fair.

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No. 84. One stairway. Have hose. Lighted by gasoline lamps; heated by stoves. Condition poor.

No. 85. Barrels of water and buckets on each floor. Lighted by gas; heated by steam. Order given to have guards put around elevator on lower floor. Building old. Workshop in poor condition; so dark that gas has to be burned all day in parts of the shop.

No. 86. One stairway. Barrels of water and fire extinguisher. Lighted by gas; heated by stove. New building. Condition good.

No. 87. Hose and fire extinguisher. Lighted by coal-oil lamps. Not heated. Condition very fair.

No. 88. Lighted by gas; heated by stoves.

No. 89. Two stairways. Fire extinguisher on each floor. Lighted by gas; heated by steam.

BREWERIES.

No. 90. Two stairways. Stand-pipe and hose. Lighted by gas; heated by steam. Everything new. Condition first-class.

No. 91. Equipped with hose and stand pipes throughout. Lighted by gas and electricity, and heated by steam. One of the most substantially built, largest and well equipped of its kind. Clean throughout, and general conditions excellent. Inspection Nos. 92, 93, 94, 95, 96, 97 and 98 apply to the various separate buildings of this extensive plant; the observations on No. 91 apply in a general way so that remarks on the other numbers named would be but a repetition, which is obviated by this note.

No. 99. Five stairways. Stand-pipes, pumps and hose. Lighted by gas; heated by steam. Employes satisfied. Condition good.

No. 100. Hose and steam pumps. Lighted by gas and lamps; heated by steam. Condition good.

No. 101. Hose and steam pumps. Lighted by gas and lanterns; heated by stove and steam. Condition good.

No. 102. Hose. Lighted by gas and lanterns; heated by steam. Condition excellent.

No. 103. Pumps and hose. Newly rebuilt. All the latest improvements. Condition excellent.

No. 104. Hose. Lighted by gas and lamps; heated by steam.

No. 105. Hose. Lighted by gas; not heated. Condition good.

No. 106. Lighted by gas; heated by hot air. Condition good.

No. 107. Lighted by gas and lamps; heated by steam. Condition good.

No. 108. Hose on every floor. Lighted by gas and lamps. Heated by steam.

No. 109. Supplied with pumps and hose. Lighted by gas and lanterns, heated by steam. Condition good.

No. 110. Lighted by gas. Heated by steam. Condition good.

No. 111. Lighted by gas and lamps. Heated by steam. Condition good.

No. 112. Hose and steam pumps. Lighted by gas. Heated by steam. Condition good.

No. 113. Lighted by lamps. Heated by steam. Condition good.

No. 114. Fire extinguishers. Lighted by gas and electricity. Heated by steam. Condition excellent.

No. 115. Provided for against fire. Lighted by gas. Heated by steam. Condition good.

No. 116. Three stairways. Fire protection. Lighted by gas and lamps, heated by steam. Condition good.

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No. 117. Fire protection. Lighted by gas. Heated by stove. Condition good.

No. 118. Fire protection. Lighted by lanterns. Heated by stoves. Condition good.

No. 119. Fire protection. Lighted by lamps. Heated by stove. Condition good.

No. 120. Fire protection. Lighted by lamps. Heated by stove. Building old and in poor condition. Dark, cold and damp.

No. 121. Fire protection. Lighted by lantern. Heated by stove. Building old and rickety. Condition poor.

No. 122. Fire protection. Lighted by gas. Heated by stove. Condition clean and good.

BRICK WORKS.

No. 123. Condition fair.

No. 124. Largest manufactory of brick in the world. Condition good.

BROOM FACTORIES.

No. 125. Automatic sprinklers, extinguishers, and fire brigade. Lighted by electricity; heated by steam. Ventilator and fan to remove dust. Condition good.

No. 126. Heated by stove. Building very old. Condition poor.

No. 127. Lighted by gas; heated by stove. Condition good.

No. 128. Building old. Condition poor.

BRUSH FACTORIES.

No. 129. Lighted by lamps; heated by stoves.

No. 130. Lighted by gas; heated by stove. Condition good.

No. 131. Lighted by coal oil; heated by stove. Condition fair.

No. 132. Lighted by gas; heated by stove. Condition as to natural light, poor.

No. 133. Lighted by gas; heated by stoves. Condition good.

No. 134. Lighted by gas; heated by steam. Condition good.

No. 135. Lighted by coal oil; heated by stove. Condition fair.

No. 136. Lighted by gas; heated by stove.

BUTCHERS' SUPPLIES.

No. 137. One stairway. Lighted by gas and electricity; heated by stove. Condition good.

No. 138. Lighted by gas; heated by stove. Condition fair.

CABINET-MAKERS.

No. 139. Inflammable material; saw-dust and chips. Large tank of water; barrels of water and buckets. Lighted by coal oil; heated by steam. Condition good.

No. 140. One stairway. Fire protection. Lighted by gas; heated by stove. Condition good.

No. 141. Lumber, oil and varnish are inflammable. One stairway. Heated by steam. Condition good.

No. 142. Water buckets. Lighted by gas; heated by stove.

No. 143. Stairway. Heated by steam. Condition excellent.

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CANDY FACTORIES.

No. 144. Stairways. Fire protection. Seats are provided. Separate dressing rooms and closets. Lighted by gas; heated by steam. Fan to expel dust. Condition excellent.

No. 145. Seats provided. Closets separated. Condition good.

No. 146. New Grinnell sprinkler system throughout building. Separate seats and closets. Lighted by gas; heated by steam. Condition excellent, except fire-escape, which was ordered put up.

No. 147. Small factory in a rickety building; poorly kept as regards neatness.

No. 148. Fire protection. Two stairways. Separate closets. Seats provided. Lighted by gas; heated by steam. Workshop rather crowded.

No. 149. Seats provided. Separate closets. Stairway. Lighted by gas; heated by steam.

No. 150. Barrels of water and buckets. Have seats and separate closets. Lighted by gas; heated by stove.

No. 151. Elevator and stairway. Automatic sprinklers. Seats and separate closets. Gas lighted; steam heated. Building of stone, new. Plenty of light and ventilation. Order: To guard rope connection of power on upper floors.

No. 152. Fire protection; stairway. Separate closets. Seats. Gas light; heated by stove. Condition good.

No. 153. Two stairways. Stand-pipe, barrels of water and extinguishers. Seats. Separate closets. Lighted by electricity. Heated by steam. Condition good.

No. 154. Heated by steam. Lighted by gas. Seats. Closets separate. Fire protection.

No. 155. Separate closets. Seats.

CAR-BRAKE FACTORIES.

No. 156. All the improved methods to put out fire. Belting guarded. Lighted by electricity and gas. Heated by steam. Condition excellent.

No. 157. Condition very fair. Lighted by gas. Heated by stove.

CAR BUILDERS.

No. 158. Inflammable material used in manufacturing. Fire protection. Belting boxed. Lighted by electricity; heated by hot air. Order given, to repair guard to elevator on first floor.

No. 159. Lighted by gas; heated by steam and stove. Condition good.

No. 160. Belting boxed. Condition good. Electric light; steam heated Materials used are inflammable.

No. 161. In first class condition. Ample provisions made for the safety of employes. Electricity for light; steam for heat.

CARPET-CLEANING WORKS.

No. 162. Condition very good.

No. 163. When at work the shop is very dusty; no artificial means to carry it off.

No. 164. Condition fair.

No. 165. Condition good.

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CARRIAGE AND WAGON FACTORIES.

No. 166. Five stairways. Inflammable materials used, such as oil, paint, varnish and wood. This applies to all numbers up to and including No. 218. Belting boxed. Heated by steam and stove. Condition good.

No. 167. Outside stairways. Condition good.

No. 168. Tubs of water. Lighted by gas; heated by stove. Large shop; plenty of room.

No. 169. Condition good.

No. 170. New shop.

No. 171. Fire extinguishers. Lighted by electricity; heated by stoves.

No. 172. Hydrant on each floor.

No. 173. Condition good.

No. 174. All right.

No. 175. Belting boxed. Heated by hot air. Condition first class.

No. 176. Small shop.

No. 177. Barrels of water and buckets.

No. 178. Small shop, in good condition.

No. 179. Stairway. Lighted by gas; heated by stove.

No. 180. Assigned August 5, 1891.

No. 181. Three stairways. Separate closets. Seats. Belting boxed. Lighted by gas and electricity; heated by steam. Condition excellent.

No. 182. Barrels of water and buckets.

No. 183. Condition good.

No. 184. Hydrant and buckets.

No. 185. Good condition.

No. 186. Stairway.

No. 187. Stairway, front and rear.

No. 188. Barrels of water and hand grenades. Plenty of room, light and ventilation.

No. 189. Good condition.

No. 190. Two stairways. Lighted by gas; heated by steam.

No. 191. Good condition.

No. 192. Belting boxed.

No. 193. Two stairways. Belting boxed.

No. 194. Barrels of water and buckets. Belting boxed. Lighted by coal oil; heated by stove. One stairway.

No. 195. Nothing out of the ordinary.

No. 196. Nothing notable.

No. 197. Hydrant and barrels of water.

No. 198. Building old.

No. 199. Barrels of water on each floor. Lighted by gas; heated by stoves.

No. 200. Fairly good condition.

No. 201. Good condition.

No. 202. Fair condition.

No. 203. Outside stairway. Order: To put guard-rail around hatchway on second floor.

No. 204. Barrels of water. Lighted by gas; heated by steam. Condition first rate.

No 205. Lighted by gas; heated by stoves.

No. 206. Tank of water on first floor. Stairway which is rather rickety.

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No. 207. Barrels of water and buckets. Began business February, 1891.

No. 208. Refused to give information as to daily wages of employes; said wages were satisfactory to the men and was no body's business outside of them. A second and third visit was made to obtain information, the proprietor persistent in refusing.

No. 209. Rather rickety, but clean.

No. 210. Been running since February, 1891.

No. 211. Order given to keep trap-door on upper floor closed.

No. 212. Excellent condition.

No. 213. Poor stairway.

No. 214. Two stairways. Lighted by gas; heated by stove. Shop large; plenty of light and air.

No. 215. Belting boxed. Stairway.

No. 216. Building old, but in fair condition. Lighted by gas; heated by stove.

No. 217. Good condition. One stairway.

No. 218. Work in most all carriage and wagon shops is done on first floor, though second floor is frequently used especially for painting. It is seldom that any work is done above second floor. Fire protection that would be inadequate for taller buildings employing women, girls and boys is ample for carriage and wagon shops; little mention, is therefore, made on this point.

CEMENT AND PLASTER WORKS.

No. 219. Fire extinguishers. The sacking done on first floor is dusty work. Order given to put guard around elevator and hatchway on second floor. Belting partly boxed.

No. 220. One stairway. Belting boxed. Condition good.

No. 221. Water barrels and hose. Lighted by lamps; heated by stove. Belting boxed. Excellent condition.

No. 222. The dust is carried off by draft created by a fan. Lighted by electricity; heated by steam. Belting boxed.

No. 223. Very dusty.

CHEMICAL WORKS.

No. 224. Pump and hose. Smell of burning sulphur and salts very offensive to persons not used to it. The workmen claim that they don't notice it, and that it is not injurious.

No. 225. These works are simply sheds, but are adapted to the purposes.

No. 226. Have their own water-works; they are located under a bluff and very near the Mississippi river. Belting boxed. To persons of weak lungs the work is injurious to health; otherwise, condition good.

No. 227. Two stairways. Barrels of water and fire extinguishers. Belting boxed. Fumes of the chemicals cannot be detected. Light and ventilation excellent.

No. 228. Stand-pipe, hose, barrels of water, buckets and automatic sprinkler. Seats. Separate closets. Belting boxed. Heated by steam; lighted by gas and lantern.

No. 229. Belting not boxed. Just beginning business.

No. 230. Connection with plug Separate closets. Seats. Lighted by lamp; heated by steam and stoves. Two stairways.

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CIGAR FACTORIES.

No. 231. There are few, if any, remarks to be made under this head. Nearly all the information is fully given in factory inspection tables. Remarks under this head are intended only to give such information not included in the table mentioned. No machinery is used in the manufacture of cigars. Fire protection is not vitally important, as the shops are seldom located above the second floor. Women are not employed in St. Louis cigar factories. In a general way the conditions may be said to be satisfactory. These notes apply in a general way to inspections Nos. 231 to 251, both inclusive.

CLAY AND SEWER-PIPE WORKS.

No. 252. Provided against fire. Stairway on each side of building. Belting boxed. One man had leg broken by earth caving in on him. Lighted by electricity. heated by steam. Excellent condition.

No. 253. Stairway. Little danger from fire. Belting boxed. Electric light; heated by steam. Condition first-class.

No. 254. Order given: To remove magazine outside of mines. Other conditions satisfactory.

No. 255. Hose, tank and barrels of water. Belting boxed.

No. 256. No danger of fire, still they have hose on each floor.

No. 257. Fire protection, though there is no danger to be apprehended. Belting is not boxed. Lighted by lamps; heated by stoves.

No. 258. Most of the work done in open air.

No. 259. Lighted by electricity and oil; heated by stoves and flues.

No. 260. Good condition.

No. 261. Much of the work done in open air.

CLOTHING FACTORIES.

No. 262. Stairway. Barrels of water on each floor. Belting boxed. Lighted by gas; heated by stove. Seats. Separate closets. Twenty-five women work at home.

No. 263. Seats. Separate closets. Wide stairway. Lighted by electricity; heated by steam. Order given: Have fire-escape put up at once.

No. 264. Barrels of water and fire extinguishers. The sewing is done by women at their homes.

No. 265. Fifteen women do their sewing at home. Separate closets. Seats. Belting boxed. Condition good.

No. 266. Fire protection. Seats. Separate closets. Forty women work at home for this factory.

No. 267. Wide stairway. Separate closets. Seats. Belting boxed. Lighted by gas; heated by steam.

No. 268. Separate closets. Seats. Thirty-five women work at home. One stairway. Belting boxed. Lighted by gas; heated by steam.

No. 269. Three hundred women work at home. The place called the factory is merely a cutting room.

No. 270. Stairway very narrow. Belting boxed. Lighted by gas; heated by stove. Seats. Separate closets.

No. 271. The sewing is all done by women at their homes, 300 being employed.

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No. 272. Seats provided. Separate closets. Hydrant and water-bucket on each floor. Belting boxed. Lighted by electricity; heated by stove. Commenced December 1, 1890.

COFFEE AND SPICE MILLS.

No. 273. Have fan to purify atmosphere around the roasters.

No. 274. Stairway. Automatic sprinkler. Seats. Separate closets. Belting boxed. Lighted by electricity; heated by steam. Order given: To put guard around belting connecting 5th and 6th floors.

No. 275. Each floor provided with hose and water. Belting boxed.

No. 276. Suction fan to draw off smoke from roasters.

COFFIN FACTORIES.

No. 277. All possible precautions against fire. Two stairways. Belting boxed. Lighted by electricity and gas.

No. 278. Appliances to fight fire on each floor. Belting boxed. Gas light; steam heat.

No. 279. Good condition.

BABBITT AND METAL FOUNDRIES.

No. 280. Condition fair.

No. 281. Good shape.

No. 282. Plenty light, room and air.

COOPER SHOPS.

No. 283. Fire plug and hose. Belting boxed. Good condition.

No. 284. Fair condition.

No. 285. Condition fair.

No. 286. Generally good.

No. 287. Fair shape.

Nos. 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308 and 309, are all cooper shops. Some few use machinery, but for the most part the work is done by hand. There is nothing special to notice; all the information is embraced in the table.

SHEET-IRON WORKS.

No. 310. Stairway. Hydrant and hose. Belting boxed. Building is a tumble down affair.

No. 311. Hydrants. Will soon remove to new shop.

No. 312. Well lighted and ventilated. Sanitary condition good.

No. 313. Wide stairway. Barrels of water on each floor. Ample room.

No. 314. Lighted by gas; heated by stove.

No. 315. Stand-pipe, and hose on each floor. Belting boxed. Lighted by gas and electricity. Heated by steam.

No. 316. Good condition.

No. 317. Condition good.

No. 318. Condition good.

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CORSET FACTORIES.

No. 319. Hand grenades and hydrants. Separate closets. Seats. Belting boxed.

No. 320. Stairway. Seats. Separate closets. Belting boxed. Shops are clean.

DECORATIVE GLASS-WORKS.

No. 321. Nothing specially noticeable.

No. 322. Provided against fire.

No. 323. Tanks of water and hand grenades. The men who back the glass with mercury and the porter that sweeps the floor are required to wear a covering over the mouth and nostrils, but they frequently neglect to do so.

No. 324. Large quantities of glass, mouldings and frames piled up on the floor, giving the shop an untidy appearance.

No. 325. The men who work in the room where the sand-blast is located are enveloped in a cloud of dust, which must be unhealthy.

No. 326. One man, while repairing an ornamental, fell and hurt his arm, which laid him up a month; his wages were paid to him for the duration of his sickness. He is now back at work.

No. 327. Stairway. Good condition.

DIES AND STAMPS.

No. 328. Condition fair.

No. 329. Nothing noteworthy.

No. 330. Very close in warm weather, as the shop is located in rear of engine room of Central Union Brass Co.

No. 331. Elevator hole on first floor unguarded. Building old. The stairway leading to workshop all out of repair.

DRUGGISTS' SUNDRIES.

No. 332. Stairway. Spirits are used and are inflammable.

No. 333. Hydrant on each floor.

No. 334. Two stairways. Seats provided. Separate water closets. Belting boxed.

No. 335. Inflammable material; alcohol.

No. 336. Very good condition.

No. 337. Water on each floor.

No. 338. Will remove shortly.

No. 339. Separate closets. Seats provided.

No. 340. One stairway. Building too crowded for comfort. Order given to repair rear elevator.

DRUGS AND MEDICINES.

No. 341. Fire protection in abundance. Seats. Separate closets. Lighted by gas and electricity; heated by steam.

No. 342. Inflammable material; alcohol. Barrels of water and buckets. Separate closets. Seats.

No. 343. Outside stairway. Separate closets. Seats. Belting boxed. Lighted by gas; heated by stoves.

No. 344. All the modern appliances to fight fire. Condition good.

No. 345. Fairly good condition.

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DRY GOODS STORES.

No. 346. Four stairways; elevator. Stand-pipes. Babcock extinguishers and water pails. Electric light; heated by steam. Seats. Separate closets and dressing rooms.

No. 347. Two elevators and stairway. Separate closets and dressing-rooms. Condition good.

No. 348. Separate closets. Seats.

No. 349. Sufficient appliances against fire. Separate closets and dressing-room. Seats.

No. 350. Extinguishers, stand-pipes, barrels of water and buckets. Closets separate. Seats.

No. 351. Elevator and stairway. Seats. Separate closets.

No. 352. Hand grenades, water and buckets.

DYE-HOUSES.

No. 353. Fire protection. Condition good.

No. 354. Separate closets. Seats. Lighted by gas; heated by steam.

No. 355. Water and hose. Good condition.

ELECTRICAL APPLIANCES.

No. 356. First-class condition.

No. 357. Water on each floor. Seats. Separate closets.

No. 358. Stairway. Started October 1, 1890.

No. 359. Belting boxed. Heated by steam.

No. 360. Buckets; water in barrels.

No. 361. Good condition.

FEATHER RENOVATORS.

No. 362. One stairway. No special danger of fire; employes organized in a fire brigade with necessary appliances. One boy left elevator open; fell from fifth floor and was killed, January, 1891. Seats and separate closets for females.

No. 363. Provided with water in barrels. The room where feathers are separated is very dusty; only a boy in this room, and stays but a short while each time.

FILE WORKS.

No. 364. Shop has hydrant, and each workman has a bucket of water near him. Not lighted; heated by stove.

No. 365. Provided against fire, but no special danger exists. Twelve men is a full force.

FLOUR AND GRIST-MILLS.

No. 366. Flour-dust is considered by some inflammable. Large mills often take fire when no cause can be divined, except on the theory of spontaneous combustion of flour-dust. This note will apply to succeeding numbers up to and including No. 380. The work of men in a mill is almost wholly on the first floor and engine room. Belting boxed when practicable. Electricity and gas used for light; heated by steam.

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No. 367. Extinguishers and hose on each floor. Lighted by gas; heated by steam.

No. 368. Two stairways. Hand grenades, buckets and water in barrels. Runs day and night. Belting well boxed. Electricity for light; steam for heat.

No. 369. This mill regrinds and repacks flour manufactured elsewhere. Water and hose all through building. Belting boxed. Gaslight; heated by steam.

No. 370. Stairway from upper floor. Water buckets and twenty fire extinguishers in building. Runs day and night half of the year.

No. 371. Ample provisions for fire. Two stairways. Order given to put guard around main belting on third floor.

No. 372. No special danger of fire except from flour-dust. Hose on each floor Runs day-time only.

No. 373. Lighted by lamps; heated by stove. Water buckets to fight fire.

No. 374. Stairway. Hand grenades and water on each floor. Miller got his hand mashed in rollers. Lighted by gas; heated by stove.

No. 375. Babcock extinguisher and hose on each floor. Belting boxed. Run day and night. Lighted by gas and lantern; heated by stove.

No. 376. This mill is being rearranged.

No. 377. Water buckets and fire extinguishers. Run day and night. Lighted by gas; heated by steam.

No. 378. In excellent condition. Electric lights; heated by steam. Provisions for extinguishing fire.

No. 379. No special danger of fire. Water and buckets on each floor. Lighted by gas; heated by steam.

No. 380. Being overhauled and repaired.

FOUNDRIES.

No. 381. Two stairways. Pump and hose.

No. 382. Automatic sprinklers and fire extinguishers. Belting boxed. Neat and tidy.

No. 383. Appliances to fight fire. Heated by steam and stoves.

No. 384. Barrels of water and buckets. One man killed by the bursting of emery wheel.

No. 385. Provided with sand and hose. Not lighted; heated by steam.

No. 386. Hand grenades; barrels of water and buckets.

No. 387. No special danger of fire. Hose throughout premises. Belting boxed. Lighted by electricity; not heated.

No. 388. One stairway. Gas and electric lights.

No. 389. Tanks of water and hose throughout building. Belting partly boxed.

No. 390. Building has the appearance of two stories on outside, but is really only one.

No. 391. Hose, barrels and buckets. No boxing to belting. Lighted by electricity.

No. 392. Inside and outside stairways. Water barrels and fire extinguishers all about shops. Lighted by coal-oil lamps.

No. 393. Hose and water in shop. Belting boxed. Heated by steam; electric light.

No. 394. Like most all foundries, this is merely an enclosed shed.

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FURNITURE FACTORIES.

No. 395. Two inside stairways; one outside from second floor. Cut off into several departments with fire-door between.

No. 396. Ropes in third and fourth floors for fire-escapes. Work done mainly on first and second floors.

No. 397. Automatic sprinklers and water buckets throughout building. No fire-escape to building; the owner claims that the fire commissioners deem it unnecessary; compliance with the State law would necessitate them.

No. 398. Ordered to put guard around hatchway on third floor.

No. 399. Attention called to the danger attending men wiping off machinery while in motion; foreman ordered same stopped.

No. 400. Barrels of water and buckets. Good condition.

No. 401. The shop is not comfortable in cold weather, owing to cracks in walls.

No. 402. Belting boxed. Lighted by electricity; heated by steam.

No. 403. Belting boxed. Heated by steam; electric lights.

No. 404. Gave no order, but will do so, viz.: to put up fire-escape and put guards around elevator in warehouse.

No 405. Large shop. Good ventilation; good light.

No. 406. Condition good.

No. 407. Barrels of water and buckets. Belting boxed.

No. 408. In all furniture factories there is a small amount of inflammable material, such as varnish, oil, shavings, etc.

No. 409. Fire extinguishers. Belting boxed.

No. 410. Platform connects buildings. Condition good.

No. 411. Stairway. Fire protection. Began business February 1, 1891.

No. 412. Barrels of water and buckets. Old buildings; low ceilings.

No. 413. Automatic sprinklers. Machine room badly littered with shavings.

No. 414. Two stairways. Work-room not well lighted.

No. 415. Tank of water on roof. Barrels of water and buckets in shop. Building old.

No. 416. Ordered to gear up shafting which is loose, causing undue vibration on second floor.

No. 417. The employes are all stockholders.

No. 418. One accident during the year; employe got hand caught in sandpaper machine.

No. 419. During short days in winter a few hours work is done by aid of electric lights.

No. 420. New building. Condition good.

No. 421. Belting boxed. Heated by steam. Electric lights.

GAS WORKS.

No. 422. Crude petroleum and naptha, which are inflammable.

No. 423. Material used is inflammable.

GASOLINE STOVES.

No. 424. Gasoline, japan, turpentine and varnish; all inflammable.

No. 425. Iron fire-escape will be erected.

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GLASS FACTORIES.

No. 426. Tubs of water; pumps and hose. Belting boxed. Started January, 1891.

No. 427. Glass works don't usually work more than eight months in a year.

No. 428. Tanks of water on each floor.

No. 429. Extinguishers and automatic sprinklers.

No. 430. Doing but little at present.

GROCERS' SUNDRIES.

No. 431. Hose, barrels of water and extinguishers on each floor. Lighted by gas; heated by steam.

No. 432. One stairway. Ordered to place guard around hatchway on second floor.

No. 433. Water-tanks, barrels and buckets on each floor. Ordered that the stairway be cleared from boxes, which were piled in and around same.

No. 434. Seats and separate closets.

No. 435. Hand grenades and buckets. Condition first class.

No. 436. Shop not as tidy as it might be. Ventilation of rooms obstructed by piles of boxes.

No. 437. Seats and separate closets. Hand grenades. Ordered to put up fire-escape.

No. 438. Ordered to guard elevator by putting in bar.

No. 439. Separate closets. Hand grenades.

No. 440. Ordered to repair guard to elevator on first floor.

No. 441. Good condition.

No. 442. Fair condition.

No. 443. Excellent condition. Separate closets.

No. 444. Not heated; lighted by lantern.

No. 445. Stand-pipe and hose on each floor. Clean, airy and light.

No. 446. Straw in cellar for packing purposes.

HARD-WOOD WORKERS.

No. 447. Two outside stairways. Ordered to place box around belt which had been broken off.

No. 448. Belting boxed.

No. 449. Two stairways, stand-pipe and hose. Orders given to keep door to elevator closed or put up a bar to same; also to box belting where possible.

HARNESS AND SADDLE FACTORIES.

No. 450. Slow combustion building. Ordered fire-escape put up.

No. 451. Barrels of water and hand grenades. Belting boxed. Heated by stoves.

No. 452. General conditions poor. Will move into their large new factory about December 1, 1891.

No. 453. Tubs and barrels of water. Good light and ventilation.

No. 454. Plenty of means to fight fire. First-class condition.

No. 455. Heated by steam. Good condition.

No. 456. Small shop in rear of store.

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No. 457. Fire protection. General condition fair.

No. 458. Barrels of water and buckets. Belting boxed. Very good condition.

No. 459. Stand-pipes and hose. Will remove soon to large new building.

No. 460. Rather crowded.

HAT FACTORIES.

No. 461. Very tidy.

No 462. Pretty good condition.

No. 463. Very untidy.

HORSE-COLLAR FACTORIES.

No. 464. Straw and harness oil are inflammable. This note applies to all other factories under this head.

No. 465. Condition untidy, but plenty of air and light.

No. 466. Good condition.

No. 467. Kept in poor condition.

No. 468. Fair condition.

No. 469. Old tumble-down building, but shop is clean and has good ventilation.

No. 470. Natural light on three sides.

No. 471. Clean and good condition.

HORSE-SHOEING SHOPS.

Nos. 472,473,474,475,476. All in good condition. Everyone knows what shops of this kind are without extended description.

HOSIERY FACTORIES.

No. 477. Separate closets. Belting boxed.

No. 478. One stairway. No special danger of fire. Lighted by electricity; heated by steam.

No. 479. Females only employed.

ICE FACTORIES.

No. 480. Lighted be electricity; cooled by ice.

No. 481. Good summer condition.

No. 482. Began business this year.

IRON MANUFACTORIES.

No. 483. There is no danger to life from fire in iron factories; the work all done on ground floor; indeed buildings for this purpose are seldom more than one story, with plenty of openings.

No. 484. One accident; not fatal.

No. 485. Rather dark in portions of building.

No. 486. Good condition.

No. 487. Condition good.

No. 488. One slight accident. Ordered to put guard-rail around elevator on second floor.

No. 489. Fair condition.

No. 490. Very good condition.

No. 491. Building old.

No. 492. Mere shell of building.

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No. 493. Two accidents caused from bursting of emery wheel and centrifuga wheel, respectively.

No. 494. First-class condition.

No. 495. Good condition.

No. 496. Three easy stairways. Fire protection.

No. 497. Upper floor used mainly for storage.

No. 498. Fair condition.

No. 499. Began business June 1, 1891.

No. 500. Fair condition.

LADIES' UNDERWEAR.

No. 501. Thirty women work at their homes Condition good.

No. 502. Twenty women take work home. Shop in good condition.

LAMPS AND LANTERN FACTORIES.

No. 503. Ordered to keep box over belt on 2nd floor.

No. 504. This establishment needs a new floor throughout badly.

LAUNDRIES.

No. 505. Tank of water and hose. Belting boxed. Separate closets.

No. 506. Separate closets.

No. 507. Poor condition.

No. 508. Began business in July, 1891.

No. 509. Only one closet; both sexes employed.

No. 510. Separate closets. Heated by steam and stoves; lighted by gas.

No. 511. The entire street front is a series of doors with glass fronts, giving easy egress and plenty of light.

No. 512. Lighted by gas; heated by steam. Seats and separate closets.

No. 513. Very good condition.

No. 514. Dilapidated building; shop fairly comfortable.

No. 515. Seats and separate closets.

No. 516. Everything new and in good condition.

No. 517. Opened this spring.

No. 518. Recently changed hands.

No. 519. Heated by steam; lighted by gas.

No. 520. Seats and separate closets.

No. 521. Everything arranged for comfort and safety.

No. 522. Building old and in poor condition.

No. 523. Began business April 20, 1891.

No. 524. Ordered to patch hole in floor beside ironing machine.

No. 525. Will shortly move to more commodious quarters.

No. 526. Lately began business.

No. 527. Will move to new building.

No. 528. Provided with two fans to expel hot air. Boiler and engine in detached building.

No. 529. Fair condition. All hand work.

No. 530. Separate closets.

No. 531. Very fair condition.

No. 532. Rather poor condition.

No. 533. Separate closets.

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LEATHER BELTING FACTORIES.

No. 534. Hose and fire extinguishers. Basement, like all tanneries, somewhat foul.

No. 535. Most of work done in open air.

No. 536. Stand-pipe and hose. The employes insured in casualty company since explosion last year; boilers have been put in detached building.

MACARONI FACTORIES.

No. 537. Dark; employ Italians mainly.

No. 538. Hand grenades and water buckets. Could find no one about the shop who could speak English. Condition good as to cleanliness and ventilation.

MACHINE SHOPS.

No. 539. One stairway. Barrels of water and buckets.

No. 540. Ordered to put guard-rail around elevator.

No. 541. No danger and no special provisions against fire.

No. 542. Will move to new building October 1, 1891.

No. 543. Excellent condition.

No. 544. Employ 40 men when running with full force.

No. 545. Began business last spring.

No. 546. In fine condition.

No. 547. Thinks the inspection of factories a nuisance and bother; nobody's business how many men he works. However, he answered all questions asked.

No. 548. Very good condition.

No. 549. Condition good.

No. 550. Fair condition.

No. 551. Building old, but shop in good condition.

No. 552. One man had two fingers so badly mashed they had to be cut off.

No. 553. Building is old, one-story, flat-roofed structure.

No. 554. Will soon be wrecked; property to be used for new union depot.

No. 555. Belting boxed.

No. 556. Five men is the maximum.

No. 557. Fair condition.

No. 558. Cautioned owner not to put any more weight on third floor, which is used for storage.

No. 559. The fumes of antimony and type metal are drawn off through ventilators.

No. 560. Work mostly done outside of shop.

No. 561. Small shop; good condition.

No. 562. Shop will be razed. Property will be used by terminal company.

No. 563. Stairway about worn out.

MALT-HOUSES.

No. 564. Two stairways. Fire extinguishers. Hours of labor are long, being thirteen six days in the week and eleven hours of Sunday.

No. 565. Water barrels. Very dark.

No. 566. Not in operation at time of inspection.

No. 567. During malting season grain must have constant attention, hence long hours without Sunday rest.

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No. 568. Lighted by gas: heated by steam. Good condition.

No. 569. Lighted by gas; heated by hot air.

No. 570. Usually employ five men during the season.

No. 571. Three constitute a full force.

No. 572. A full force is nine men.

No. 573. Very dark; lanterns used for light.

No. 574. Not in active operation; will start up in June.

No. 575. Like other malt-houses, very dark. Occasionally 25 to 30 men are employed, but 16 is the average.

MARBLE WORKS.

No. 576. Dirt floor. Proprietor seems liberally disposed toward his men.

No. 577. Very fair condition.

No. 578. Merely an enclosed shed.

No. 579. Most of the work done in open air.

No. 580. Shop comfortable. Work ten hours a day in summer and nine in winter.

No. 581. When running full force 30 to 35 men are employed.

No. 582. Same rate of wages the year round. Work 8½ to 9 hours in winter, 10 hours in summer.

No. 583. Small shop; good condition.

No. 584. Condition good.

No. 585. Full force is five men.

No. 586. Old firm; steady run of work.

No. 587. Full force 125 men.

No. 588. Sometimes run an additional force of 15 men.

No. 589. No means of keeping warm in winter except by hard work.

No. 590. Began business April 1, 1891.

MATTRESS MAKERS.

No. 591. Ordered to put in fan or other contrivance to expel dust from cleaning and dusting rooms.

No. 592. Fair amount of light and ventilation.

No. 593. Good condition.

MERCHANT TAILORS.

No. 594. Good light and ventilation. Heated by stove.

No. 595. Fire extinguishers. Lighted by gas.

No. 596. All the sewing is taken by women to their homes.

MILLWRIGHTS.

No. 597. Barrels of water and fire extinguishers. Lighted by gas; heated by stove. Employes must be at bench when bell rings. Beer allowed three times a day. No smoking during work hours.

No. 598. Hose and water buckets. Run full force all year except four weeks, during which time run five days in the week.

No. 599. Nine-tenths of work done by women at their homes.

No. 600. Well provided with barrels of water and hose. High ceilings; good light and ventilation.

No. 601. Building in poor condition.

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MISCELLANEOUS.

BELLOWS FACTORY.

No. 602. Will soon remove to a better building.

BLOCK AND TACKLE.

No. 603. Employ 7 men. Building old.

HARDWARE.

No. 604. Two hundred and fifty men employed when running full force; average 180.

COLD STORAGE.

No. 605. Hose, water barrels and buckets on each floor. Frequently run day and night, requiring a double force. Lighted by electricity; heated by steam.

DISTILLERY.

No. 606. Two stairways. No special danger from fire and no provisions against it. Ordered to put in separate closets for female employes.

PIPE FACTORY.

No. 607. Barrels of water on each floor. Two stairways. Heated by stove and steam.

COTTON CLOTH MILL.

No. 608. Two iron stairways. When running full force employ 350. Separate closets. Excellent sanitary condition. So arranged and equipped to reduce danger to minimum.

BRISTLE FACTORY.

No. 609. Heated by stove. Condition good.

DRY PLATES.

No. 610. Neat, clean and airy. Electric lights; heated by steam.

ELEVATOR "B."

No. 611. Stand-pipe and hose.

EMBROIDERY WORKS.

No. 612. Very good condition.

ENGRAVING SHOP.

No. 613. Lighted by gas. Heated by stove.

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EXCELSIOR.

No. 614. Hose, barrels of water and buckets.

GLOVE FACTORY.

No. 615. Tannery very dirty; drainage poor. Shop where girls work is in good trim. Building old and in poor condition. Separate closets.

GLUE FACTORY.

No. 616. Use inflammable material. Factory is a series of buildings or rather sheds mainly. Parts of shops very unpleasantly odorous. In as good condition as the nature of the work will admit. Lanterns for light; heated partly by steam. Work day and night and some also on Sunday.

HIDE-SALTING ESTABLISHMENT.

No. 617. Hides and fat are very odorous, but this is incidental to the business.

LIGHTNING-ROD FACTORY.

No. 618. Not lighted; heated by stove. Nice clean shop.

MATCH FACTORY.

No. 619. The fumes of sulphur and phosphorus are carried up by suction pipes; also have sky-light opening in room for ventilation.

MATHEMATICAL AND SURGICAL INSTRUMENTS.

No. 620. Water barrels and buckets. Neatest machine shop visited. Make the most delicate instruments.

METALLURGICAL AND TESTING WORKS.

No. 621. Provided with ponderous quartz crushing mills, and also with delicate instruments for analytical analysis.

METAL WORKS.

No. 622. Small shop in rear of residence.

EXPANDED METAL.

No. 623. Babcock's fire extinguisher and buckets on each floor. Heated by hot air. Good light and ventilation.

NOVELTY WORKS.

No. 624. Bursting of emery wheel laid one man up six weeks.

MANUFACTURER OF PAPER STOCK.

No. 625. When in operation, runs day and night.

PAPER AND RAG WAREHOUSE.

No. 626. Entire eastern wall is a series of windows, opening out to a one-story building.

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PASTE AND TEA CADDY FACTORY.

No. 627. Barrels and buckets of water. Separate closets. Heated by stove.

PEANUT CLEANERS.

No. 628. Ordered to put guard-rail around elevator. Had some girls under lawful age; promised to supply their places as soon as possible.

PRINTING INK.

No. 629. Being enlarged.

PULVERIZING MINERALS.

No. 630. Hydrants and hose. Full force is 40 men.

FIRE REGISTERS.

No. 631. Lighted by gas; heated by stove.

REFRIGERATORS.

No. 632. Ordered to put guard around elevator and box up portion of belting.

ROLL PAPER CUTTER FACTORY.

No. 633. Lighted by electricity; heated by steam.

MANUFACTURER OF ROLLER COMPOSITION.

No. 634. Five employes is average force.

SADDLE GIRTHS, CURLED HAIR, ETC.

No. 635. In one room the machines that comb the wool and hair fill the air with small particles of the material and the four boys who feed these machines have to work with coverings over mouth and nostrils.

SADDLE-TREE FACTORY.

No. 636. One stairway. Heated by stove.

SHEET-IRON WORKS.

No. 637. Boys employed principally. Heated by stove. Two stairways.

SILK WEAVER.

No. 638. No closet for females except earth closet in one corner of room.

SHOVEL FACTORY.

No. 639. Lighted by electricity; heated by forge. One of the best kept shops of the kind in the city.

SMELTING METALS.

No. 640. Condition is as good as nature of the work will permit.

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TAG FACTORY.

No. 641. Shop adjoining residence.

SHOE UPPERS AND FINDINGS.

No. 642. Water buckets. Clean, light, airy.

WASHING MACHINES.

No. 643. Building old.

WOOL WASHING.

No. 644. Good condition.

WOOL PULLING.

No. 645. Very dirty.

WHOLESALE HARDWARE.

No. 646. Steam heaters; electric lights.

DYE-HOUSE.

No. 647. Large fan in dusting room. Engine room detached. Full force is 80 men.

WOODENWARE FACTORY.

No. 648. Two stairways. Employes have an accident insurance company of their own.

ZINC WORKS.

No. 649. Not lighted; not heated.

NEWSPAPERS.

No. 650. Fire extinguishers on each floor. Building so dark as to require artificial light. Ordered to put up a fire-escape by July 1, 1891.

No. 651. Stand-pipe, water barrels and buckets. Ordered to have outside fire-escape constructed.

No. 652. Heated by steam; lighted by coal-oil lamps. Good condition.

No. 653. Fair condition.

No. 654. Heated by stove; lighted by gas.

No. 655. Ordered fire-escape put up.

No. 656. Have hydrant and fire extinguishers on each floor. Electric lights; heated by steam; 184 employes in full force.

No. 657. Good condition.

No. 658. Hydrant on each floor; roomy and well ventilated.

No. 659. Stand-pipe and hose on each floor. Heated by steam; gas and electric lights.

No. 660. Fire extinguishers all over building. Lighted by gas and electricity; heated by steam. When running full force employ 185 men.

No. 661. Water on each floor. So dark that gas has to be used in day-time in composing room.

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No. 662. Barrels of water. Condition good.

No. 663. Employ 4 men.

No. 664. Entrance by rickety outside stairway.

No. 665. Very good condition.

No. 666. Office rather dark. One stairway.

No. 667. Lighted by coal-oil lamps; heated by stove. Work 365 days in a year.

No. 668. Lighted by gas; heated by stoves.

No. 669. Just started.

No. 670. Use gas to work by in day-time.

No. 671. Wide stairway. Lighted by electricity; heated by steam.

ORGAN BUILDERS.

No. 672. Good condition.

No. 673. Building old. Proprietor advised not to put any great weight on rear part of floor.

No. 674. Shavings, paint and varnish are the inflammable materials. Condition good.

PAINTS.

No. 675. Two stairways. Inflammable materials used are oil, naphtha and turpentine. Condition as to cleniliness not good. Ordered to repair boxing to the belting on third floor.

No. 676. Oils and turpentine used; both inflammable; water barrels and hose provided. The business is injurious to health by the inhalation of dry dust and mineral, though it is reduced to the minimum by ventilators.

No. 677. No inflammable material in works; stand-pipe and appliances to fight fire on each floor.

No. 678. This mill grinds rock and clay for mineral paint. Fans used for ventilation, though work is very dusty.

No. 679. Fire extinguishers, stand-pipe, hose, etc. Highly inflammable oil; also, turpentine used. No dust, because the clay and minerals are immersed in oil before grinding.

No. 680. Hydrants, buckets, hose and extinguishers on each floor. Work done mainly on second floor. Clean, well lighted and ventilated.

No. 681. Oil, turpentine and varnish are the inflammable materials used; not heated; lighted by gas; clean.

No. 682. Ample means provided against fire. Inflammable material used in the works.

CIGAR AND PAPER-BOX FACTORIES.

No. 683. Barrels of water on each floor. Men work on first floor. Girls work on second floor. Excellent condition.

No. 684. Separate closets; seats. Barrels of water on each floor.

No. 685. Fire extinguishers. Two persons each had end of fingers cut off. Lighted by gas; heated by steam; separate closets; seats.

No. 686. They insure their employes against accidents. Seats and separate closets.

No. 687. Ordered to put up fire-escape by July 1, 1891; separate closets; seats.

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No. 688. No special danger of fire. Stand-pipe, hose and other appliances to fight fire. Ordered to put up fire-escape by July 1, 1891, and to put guard to small dummy elevator.

No. 689. Seats and separate closets. Lighted by gas; heated by stove. Shop large and airy.

PATTERN-MAKERS.

No. 690. Have no employes.

No. 691. Lighted by coal-oil lamps; heated by stoves.

No. 692. Extinguishers, hand grenades, barrels and buckets of water. Large light and airy shop. Good condition.

No. 693. Provided for against fire.

No. 694. Heated by stoves; lighted by gas.

PICTURE FRAMES.

No. 695. All necessary precaution taken to insure comfort and safety.

No. 696. Have shavings and saw-dust, both inflammable. Barrels of water and buckets to put out fire. Poor condition.

No. 697. Began business May, 1891.

No. 698. Excellent condition in all respects.

No. 699. Inflammable materials kept in a separate place.

No. 700. Was burned out and has just started up.

No. 701. Two inside stairways. Employ 100 men when running full force.

No. 702. Just moved in large new factory.

PLANING MILLS.

No. 703. Large open shed.

No. 704. Ordered to place guard-rail across area where sky-light connects with wall.

No. 705. Two stairways. Sixty men is full force. Not lighted nor heated.

No. 706. Began June, 1890. New building.

No. 707. All planing mills have shavings and other inflammable material; to state it in each note under this head would be monotonous tautology.

No. 708. Reel of hose and fire extinguishers. Ordered to put guard around opening in floor used to pass lumber through. Building old and much crowded.

No. 709. New and commodious. Everything in first-class condition.

No. 710. Extra precautions have been taken to prevent danger; besides, employers insure their workmen against accidents and pay the premiums on the risks.

No. 711. Excellent condition for light, cleanliness, ventilation and general arrangement.

No. 712. All the shafting under the floor; all the machines face the same way, reducing danger to the minimum.

No. 713. Grinnel's automatic sprinkler system, also barrels of water and buckets. Full force 165 men.

No. 714. Putting in air pipe, which connects with each machine, which carries off all sawdust and shavings to the engine room to be used as fuel.

No. 715. Employes insured against accident by the company.

No. 716. Firm pays wages to any employe detained at home on account of injury received at mill.

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No. 717. Dirt floor, but dry and clean.

No. 718. Boiler-house cut off by double fire-doors from shaving and engine room. Provided with blowers that take all shavings to engine room.

No. 719. Full force 75 men.

No. 720. Not lighted nor heated.

No. 721. All on ground floor.

No. 722. Ordered to repair boxing around belt on third floor. Heated by steam and hot air.

No. 723. Lighted by gas; heated by hot air.

No. 724. Engine room in separate building with automatic cut-off.

No. 725. Building old; ceilings low.

No. 726. Full force is 100 men. Automatic sprinklers on each floor.

No. 727. Barrels of water and buckets.

PLATING WORKS.

No. 728. Lighted by gas; heated by steam.

No. 729. Began September 1, 1891. Poor condition; needs to be rebuilt.

No. 730. The window lights need cleaning badly.

PLUMBERS' SUPPLIES.

No. 731. Full force is 160 men.

No. 732. Lighted by coal oil lamps; heated by steam. Good condition, though building is old and ceilings low.

No. 733. Two stairways. All appliances to put out fire. Stairways dark and basement badly crowded.

No. 734. Provided for against fire. Lighted by gas and electricity; heated by steam.

PORK-PACKERS.

No. 735. Good sewerage connection.

No. 736. Nicely cleaned up each day.

No. 737. Barrels and tubs of water.

No. 738. Plenty of light and ventilation.

No. 739. Floors appear not to have been scraped for a long while.

No. 740. Slaughter-house not kept clean.

No. 741. Seventy-five men is full force.

No. 742. Good condition.

No. 743. Sewer connection poor. Cleaning room covered with offal.

No. 744. First-class condition.

No. 745. Part of premises poorly cleaned.

No. 746. Comparatively clean and good condition.

No. 747. Condition fair.

No. 748. Clean; good condition.

No. 749. Condition good.

No. 750. Cleanly condition.

No. 751. Scrubbed out daily; drainage good.

No. 752. Good sanitary condition.

No. 753. Comparatively good condition.

No. 754. Being overhauled and renovated.

No. 755. Ceilings low and dark; floors kept soaked with water.

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PRINTING, LITHOGRAPHING AND BINDING.

No. 756. No danger and no provision against fire except hydrant. Crowded for room and in only tolerable condition.

No. 757. Two stairways. Provided for against fire. Excellent condition.

No. 758. Fairly good condition.

No. 759. One outside and one inside stairway. Full force is 100 employes. Seats and separate closets.

No. 760. The office is poorly kept.

No. 761. Ordered to box belting to folder and fix hole on fourth floor. Large rooms, well lighted and ventilated.

No. 762. Lighted by gas; heated by stove.

No. 763. Clean and well kept.

No. 764. Two stairways. Full force 66. Cleanest printing room of its size in the city.

No. 765. Lighted by gas; heated by stove.

No. 766. Barrels and buckets of water.

No. 767. Lighted by gas; heated by stove.

No. 768. All females employed on first floor.

No. 769. Hydrants and hand grenades.

No. 770. Most of the work done on first and second floors. Sixty is full force.

No. 771. Automatic sprinkler. Full force 225.

No. 772. Dark and requires gas in day-time.

No. 773. Stand-pipe, hose and fire extinguishers.

No. 774. Plenty of room, light and ventilation.

No. 775. Lighted by gas; heated by stove.

No. 776. When running full force employs 135. Seats and separate closets.

No. 777. Buckets and hydrant.

No. 778. Excellent for cleanliness, light and air.

No. 779. Stand-pipe and fire extinguishers; electric lights; heated by gas stoves.

No. 780. Fans used to cool room.

No. 781. Seats and separate closets.

No. 782. No danger of fire and no protection against it.

No. 783. Crowded condition, but clean and airy.

No. 784. Heated by stove; lighted by gas.

No. 785. Roomy and good condition.

No. 786. Fire extinguishers; 66 is full force. Seats and separate closets.

No. 787. Lighted by gas; heated by stove.

No 788. Lower floor crowded, but otherwise in good condition.

No. 789. Two stairways.

No. 790. Seats and separate closets.

No. 791. Condition excellent.

No. 792. Most of the work done on second floor.

No. 793. Seats and separate closets; lighted by electricity; heated by stove.

No. 794. Very neat office.

No. 795. Lighted by electricity; heated by steam.

No. 796. Very crowded with material; lacks tidy appearance.

No. 797. Good light and ventilation.

No. 798. Two stand-pipes and water on each floor. Heated by steam. Large and comfortable.

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No. 799. Cramped for room.

No. 800. Barrels of water and buckets. One hundred employes is full force. Seats and separate closets. Apprentices must sign an indenture to serve three years; for this they pay the firm a fee of $100 and get nothing for services first year. The apprentices get $2.50 per week second year and $5 per week third year.

No. 801. Lighted by gas; heated by stove. Full force is 25. Seats and separate closets.

No. 802. Full force is 65. Lighted by gas; heated by steam.

No. 803. Front and rear stairways. Heated by hot air; lighted by gas.

No. 804. New building; good condition.

No. 805. Very good condition.

No. 806. Everything new.

No. 807. One hundred and fifty is full force. Seats and separate closets.

No. 808. Three hundred and fifty employes is full force. Employers pay employes regular wages if detained at home on account of any injury received in their work. Seats and separate closets. Lighted by electricity; heated by steam.

PUMPS.

No. 809. Clean, light and well ventilated; stairways on front and rear. Heated by steam.

No. 810. Good condition.

RENDERING WORKS.

No. 811. The very nature of establishments of this kind suggests offensve odors. The supervision and regulations of the Board of Health minimize the unpleasant features.

No. 812. The appearance and statements of the employes indicate that the business is not unhealthy.

No. 813. Six men is full force.

No. 814. Not lighted; heated by steam.

No. 815. Fair condition.

No. 816. Scrubbed out daily.

REPAIR SHOPS.

Nos. 817, 818 and 819. Employ eight, six and nine men respectively.

No. 820. Full force, 50 men. All work done on ground.

No. 821. Recently opened.

No. 822. From 600 to 700 is full force. Lighted by electricity; heated by stoves and steam. Everything in good condition.

No. 823. Being rebuilt.

No. 824. Five men is full force.

No. 825. Heated by steam. Full force, 25.

ROOFING AND PAVING MATERIAL.

No. 826. Tar and crude petroleum are part of material used and are very inflammable, but as shop is only one story no danger to employes on this account.

No. 827. Have been in operation since March, 1891.

No. 828. More of a warehouse than workshop.

No. 829. Open shed.

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ROLLING-MILLS.

No. 830. Full force, 222 to 240 men. Lighted by electricity; heated by stove and furnace.

No. 831. One accident last year; laid employe up six weeks. Full force 250.

SAW FACTORIES.

No. 832. Not lighted; heated by stoves and steam. Well ventilated. Full force, 80.

No. 833. Will soon remove to more commodious quarters. Full force, 52.

SAW-MILLS.

No. 834. All conveniences possible in a saw-mill are here provided.

No. 835. Full force, 450 men.

No. 836. Run in connection with lumber yard, together employing 700 men.

SHIRT FACTORIES.

No. 837. Fully supplied with barrels and water. Plenty of light and air. Heated by furnace.

No. 838. One stairway. Seats and separate closets. Opened last spring.

No. 839. Fifteen women work at their homes.

No. 840. Hose and water buckets. Seats and separate closets. The occupation requires operator to sit in one position; it is hard on the eyes, and to some injurious to the spine. Full force is 80. Heated by steam.

No. 841. Forty women work at home; 35 work at shop. Seats and separate closets.

No. 842. In the dull season the employes can only get work about half the time. Full force is 40. One stairway. Seats and separate closets.

No. 843. Sewing all done by girls at their homes.

SHOE FACTORIES.

No. 844. Full force is 450. The usual appliances to put out fire. Ordered to supply ropes, so that in case of fire employes could escape by their use. Seats and separate closets. Heated by steam.

No. 845. Seats and separate closets. Full force is 65. Lighted by gas; heated by hot air.

No. 846. Began August 1, 1891.

No. 847. Building slow combustion. Hydrants and water buckets on each floor. Full force is 100. First-class condition. Seats and separate closets.

No. 848. Seats and separate closets. Full force, 36. Very good condition.

No. 849. Full force is 700. Employes are encouraged to leave part of their earnings with the firm at 7 per cent interest; $14,000 is the amount of deposits at time of inspection, July 28, 1891. Electric lights; heated by steam. Seats and separate closets. Provided with all appliances to put out fire. Excellent condition.

No. 850. Stand-pipe and hand grenades. Full force is 50. Seats and separate closets. Lighted by gas; heated by steam.

No. 851. Everything provided for comfort and safety of employes. Full force is 101.

No. 852. Shop is being rearranged. Full force, 15.

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No. 853. Full force, 75. Seats and separate closets. Heated by steam.

No. 584. Excellent condition. Full force is 11.

No. 855. Seats and separate closets. Provided for against fire. Heated by steam. Full force, 125.

No. 856. Barrels of water and buckets. Seats and separate closets. Employes sing while at work and seem happy. Full force is 25.

No. 857. Ordered to keep passage-ways clear of trucks and bins. Full force is 50. Seats and separate closets.

No. 858. Full force is 10. Good condition.

No. 859. Very badly crowded. Will remove to better and more roomy quarters. Full force, 65.

No. 860. Ordered to provide separate closets for female employes. Began business February, 1891.

No. 861. Heated by stove. Two stairways. Seats and separate closets. Forty-five is full force.

No. 862. Not fully cleaned up but once a week. The proportion of women smaller than similar shops of same number of employes. Seats and separate closets. Heated by stoves. Full force, 50.

No. 863. This is a city institution for boys. Average number is 100. To employ their time and teach them habits of industry, they are contracted to a shoe manufacturer.

No. 864. Well arranged for light, ventilation and safety. Good sanitary conditions. Full force, 120.

No. 865. Full force, 125. Seats and separate closets. General conditions good.

No. 866. Good condition. Twelve is full force.

No. 867. Heated by steam. Separate closets; seats. One hundred and ten is full force.

No. 868. Slow combustion building. Began business October 1, 1890. One hundred and five is full force. Seats and separate closets.

No. 869. Full force, 125. Heated by stoves. Seats and separate closets.

SHOT TOWERS.

No. 870. Built of iron and steel; has all modern improvements. Employed four men during 1891.

No. 871. Only 2 men work in tower. Good condition.

SOAP FACTORIES.

No. 872. Ordered to put guard around elevator on first floor. Very good condition.

No. 873 Floor covered with grease, soap and dirt; looks as if they had never been scraped.

No. 874. Seven stairways. All appliances to put out fire. Seats and separate closets. Seven different buildings, five of which connect with each other through fire-proof doors. Four hundred is full force. Lighted by electricity; heated by steam.

No. 875. Four is full force.

No. 876. Grease, tallow and glycerine are the inflammable materials used. Provided with automatic sprinklers. Rather dark and very odoriferous. Heated by steam.

No. 877. Grease is used and is inflammable. Well limed and ventilated. Adding new building.

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No. 878. Tallow, grease and rosin are the inflammable materials used. Floor greasy; needs cleaning badly. Full force is 60.

No. 879. Seven is full force.

No. 880. Only run 20 weeks last year. Reason given: over-production.

No. 881. Inflammable material used. Condition fair.

No. 882. Twenty-five is full force. Heated by steam.

No. 883. Building old but fair condition.

SODA AND MINERAL WATER.

No. 884. The season only lasts about 5 months. Nine is full force.

No. 885. Good condition.

No. 886. Water and hose.

No. 887. Condition good.

No. 888. Full force is 9.

No. 889. Fair condition.

No. 890. Six is full force.

No. 891. Full force is 20.

No. 892. Neat and clean.

No. 893. Contemplating enlarging.

No. 894. Building old and worthless.

No. 895. Nothing noteworthy.

No. 896. Clean and airy.

No. 897. Nice, clean shop.

SPRING BEDS.

No. 898. Wages paid very small, but as no skill is required and the work light, there are more applicants than places to be filled.

No. 899. Provided against fire; 25 is full force. Heated by stoves.

No. 900. Seats and separate closets. Barrels of water and buckets. Ordered to clear stairway of rubbish.

STAIR-BUILDERS.

No. 901. Inflammable material is the shavings. Not lighted; heated by hot air.

No. 902. Barrels and buckets of water. Ordered to box elevator. Old building in poor condition.

No. 903. No provisions against fire, except hydrants and buckets. Electric lights; heated by stoves.

No. 904. Condition very good. Heated by stoves; lighted by gas.

No. 905. Good condition.

No. 906. Provided with barrels of water and buckets. New building; everything in good order.

No. 907. Shavings are inflammable, and are present in all the shops under this head. All have the ordinary appliances to put out fire. In this class of shops none but men are employed. There are but few in the shop at a time; they are not far above the ground, and no danger to life or limb in case of fire.

STAMPING WORKS.

No. 908. Seats and separate closets. Full force 90. Lighted by electricity; heated by steam. Hand grenades, barrels of water and buckets.

No. 909. Force, when running full, 725. Heated by steam and stoves. Ample provisions against fire. General conditions good.

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STEAM-HEATING APPARATUS.

No. 910. No danger and no protection against fire. Shop is merely headquarters for the employes and store-room for material.

No. 911. Lighted by gas; heated by steam.

STRAW WORKS.

No. 912. Straw and small quantity of gasoline constitute the inflammable material. Untidy condition. Full force is 5.

No. 913. Fairly good condition as to light, cleanliness and ventilation.

STONE WORKS.

Nos. 914 to 919, both inclusive, are sheds, or at most, one-story buildings. Therefore no necessity exists for fire-escapes, stairways or means to put out fires. The conditions are consonant with the character of the work.

STORE FIXTURES.

No. 920. Stand-pipe, barrels of water and buckets. One stairway. Lighted by electricity: heated by steam. When running full, 110 are employed.

No. 921. Full of inflammable material; provided for against fire on each floor. Heated by steam. Employ 140 hands.

No. 922. No provisions against fire except hydrants; large quantity of inflammable material on hand. Poor condition, being badly littered with paint buckets and cans.

No. 923. Barrels of water and buckets on each floor; fire-escape ordered put up. New factory; everything in good order.

No. 924. Inflammable material consists of shavings, oil and paints. Shop cleaned up daily. Barrels of water and buckets. Excellent condition.

No. 925. Paint-shop adjoins workshop. Hydrants; also barrels of water. Building in poor condition.

No. 926. Clean, light and airy.

STOVES AND RANGES.

No. 927. Stairway from upper floors. Employes organized in fire brigade. Extinguishers in each shop. Lighted by gas and electricity; heated by steam and stoves. Full force is 350.

No. 928. Full force is 225. Two stairways. Stand-pipe, hose and barrels of water. Lighted by gas; heated by stoves. Excellent condition.

No. 929. Since inspection the building has been torn down.

No. 930. Ample provisions against fire. Full force, 422. Excellent condition.

No. 931. No danger and no provision against fire. Heated by stoves.

No. 932. Barrels of water and buckets. Been in operation four months.

No. 933. Fifty-four is full force. Good condition.

No. 934. Stairways. Lighted by gas; heated by steam and stoves; 240 is full force. Condition very good.

TAILOR SHOPS.

No. 935. Hydrant. Lighted by gas; heated by steam.

No. 936. Poor condition.

No. 937. Fair condition.

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TANNERIES.

No. 938. Two outside stairways. Hose, barrels and buckets. Heated by stove.

No. 939. Tanks of water. Merely a large shed.

No. 940. Basement and first floor very foul. Full force, 33.

No. 941. Tank on roof, barrels and buckets on each floor. Cleaner than most tanneries.

No. 942. Hose and tanks of water all over building. Ordered to place guard around elevator openings. Thirty is full force.

No. 943. Two stairways. Building kept too damp to burn. Full force, 30.

No. 944. Condition fair.

No. 945. Rickety building; perhaps good for the purpose.

No. 946. Poor, cheap building. Shops foul with refuse matter and dirty water.

TIN AND JAPANNED WARE.

No. 947. Provided against fire. Full force, 20.

No. 948. Water on each floor. Good condition.

No. 949. Very fair condition.

No. 950. Condition good.

No. 951. One stairway. Hose and hydrant on each floor. Full force is 170.

No. 952. Fair condition.

No. 953. Seats and separate closets. Kept at even temperature throughout the year by means of hot and cold blasts. Full force, 402. Provisions against fire.

No. 954. Ample provisions against fire. Seats and separate closets. Lighted by gas; heated by steam. Excellent sanitary condition. The girls have access to library and also to lectures. The proprietor contributes annually to their support.

No. 955. Began business January 1, 1891.

No. 956. Broad stairway. Seats and separate closets. Own fire engine and other proper equipments to fight fire. Full force, 725. Excellent condition.

No. 957. Appliances to fight fire. A number of changes about premises are being made.

No. 958. One stairway to each building. Amply provided for against fire. Lighted by gas and electricity; heated by steam. Full force is 1,323. Seats and separate closets. Conditions generally good..

No. 959. Very foul condition. The boys claim to be 13 years old, but it is doubtful if they are 12.

No. 960. Good condition.

No. 961. Wide stairway. Plenty of safeguards against fire. Lighted by gas; heated by steam. Seats and separate closets. Full force, 225.

No. 962. Hose and buckets on each floor. Lighted by gas; heated by steam. Seats and separate closets.

TOOL DRESSERS.

Nos. 963, 964, 965 and 966 can all be covered by saying that the work is nearly all done on first floor; no danger from fire. Condition good.

TONIC BEER.

No. 967. Season lasts only six months. Shop dark, damp and poor condition.

No. 968. Good condition.

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TOY FACTORIES.

No. 969. One stairway. Very fair condition.

No. 970. Seats and separate closets. Hose, fire extinguishers and water barrels on each floor. Ordered to replace boxing around belt.

No. 971. Three stairways. Barrels of water and buckets all around building. One boy was so seriously burned that the injury resulted in death. Sixty is full force.

TRUNK FACTORIES.

No. 972. Small shop in rear of store; kept in good condition.

No. 973. One stairway. Seats and separate closets. Rather dark and hot in summer.

No. 974. Barrels of water and buckets. Ordered a fire-escape to be constructed. Workshops crowded; more light and air needed.

No. 975. Ordered to put up fire-escape. Shops too crowded. No provision against for except buckets.

No. 976. Small shop. Good condition.

TYPE FOUNDRIES AND STEREOTYPERS.

No. 977. Ample provisions in case of fire. Seats and separate closets. Two stairways. One man burned in the face by molten metal. Went back to work in two weeks. Large, airy and comfortable. Full force, 48.

No. 978. One stairway. Babcock extinguisher and hose. Full force is 52. Wages average $2.35 per day; very large in comparison with the usual run of factories.

No. 979. Full force is 80. Hose and buckets on each floor. Seats and separate closets. Heated by steam. Parts of work-rooms too dark, requiring gas in daytime.

TYPE-WRITER FOUNDRY.

No. 980. Began business this year. Good condition.

UPHOLSTERERS.

No. 981. Two stairways. Shops separated by fire-doors. Hydrant and buckets on each floor. Seats and separate closets. Excellent condition.

No. 982. No special danger from fire and no provision against it. Small shop; poor condition.

No. 983. Seats and separate closets. Two stairways. Full force, 71. General condition good.

No. 984. Barrels, buckets and fire extinguishers on each floor. Heated by steam. One stairway. Full force, 65. Seats and separate closets.

No. 985. Inflammable materials used are excelsior, moss, oil and varnish. Barrels of water and buckets. Seats and separate closets. Fair condition.

No. 986. Same inflammable materials as are incident to establishments of this kind. Greatly crowded and badly arranged. Seats and separate closets.

VARNISH FACTORIES.

No. 987. The materials used are inflammable, the product is also. Water and hose. Full force, 3 men.

No. 988. Remarks above will apply here. Full force, 5.

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VINEGAR AND CIDER.

No. 989. No inflammable material used. Well supplied with water and hose. Full force, 8.

No. 990. Condition good. Full force, 15.

No. 991. One stairway. Shop crowded. Poor condition.

No. 992. Water-tanks and hose on upper floor.

No. 993. Excellent sanitary condition.

No. 994. Good condition.

WAGON-MAKERS AND REPAIRERS.

No. 995. Electric lights; heated by steam; 80 is full force.

No. 996. Full force is 5 men.

No. 997. Full force is 8 men.

No. 998. Full force is 8 men.

No. 999. Stairways outside and inside. Heated by steam and stoves; 45 is full force.

No. 1000. Full force is 10.

No. 1001. Full force is 7.

No. 1002. Full force is 5.

No. 1003. Stairways in each building. Barrels of water and buckets. Not heated; 50 is full force.

No. 1004. Full force is 7.

No. 1005. Full force is 5.

No. 1006. Full force is 4.

No. 1007. Full force is 10.

No. 1008. Stairway. Full force is 15.

No. 1009. Full force is 7.

No. 1010. Full force is 5.

No. 1011. Full force is 20.

No. 1012. Buildings connected by bridges. Stairways in each building. Fire extinguishers, water barrels and buckets on each floor. Heated by steam. Full force is 100.

No. 1013. Full force is 25.

No. 1014. Clean and well lighted.

No. 1015. Good condition.

No. 1016. Full force is 8.

No. 1017. Full force is 6.

No. 1018. Hydrants and buckets on each floor. Rather dark. When it gets so cold that the men can't be comfortable by the heat from the forge, the men stop work.

No. 1019. Fair condition.

No. 1020. Four is full force.

No. 1021. Good condition.

No. 1022. Very fair condition

No. 1023. Plenty of room, light and air.

No. 1024. Fair condition.

No. 1025. Full force, 20.

No. 1026. Full force, 8.

No. 1027. Old building.

No. 1028. Five men is full force.

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WAREHOUSES.

Nos. 1029 to 1035, both inclusive, are warehouses. The object of factory inspection is to see that the laws for the protection of life and comfort of the employes are obeyed. It is sufficient for all purposes to say in one sentence that the general condition of these warehouses is good.

WHITE LEAD AND OIL WORKS.

No. 1036. Two stairways. Castor beans and linseed oil will burn, but are not inflammable. Water and hose all over building. The manufacture of white lead is to some extent injurious to health, but all devices are used to reduce the danger to the minimum; 160 is full force; lighted by gas; heated by steam. Ordered belt on second floor boxed; also belt to middle pump on first floor.

No. 1037. Stand-pipes, barrels of water and buckets. Heated by hot air. Have risk fund for employes. Forty is full force.

No. 1038. Clean and comfortable.

No. 1039. Runs night and day. Lighted by electricity; heated by steam. Began business September, 1890.

No. 1040. Fire extinguishers, etc. Fair condition.

No. 1041. Two stairways. Stand-pipe, water barrels and buckets. Full force, 65.

No. 1042. Provided amply with apparatus to extinguish fire. Lighted by electricity; not heated. Men required to wear sponges over their mouths and nostrils, but as caroding sheds are in open air there is not great necessity for this precaution. Full force, 70.

No. 1043. Babcock fire extinguishers, hand grenades. Water and sand barrels. Kept clean. Lighted by gas; heated by steam. Seventy-five men is full force.

WILLOW-WARE WORKS.

No. 1044. Two stairways. Tank of water, hose; water barrels and buckets on each floor. Full force, 35.

No. 1045. No machinery used. Heated by stove.

No. 1046. No special danger and no provision against fire. Good condition.

No. 1047. Hydrants on each floor.

No. 1048. Condition good.

No. 1049. Heated by stove.

WIRE WORKS.

No. 1050. Lighted by electricity; heated by steam. Everything is done to make it safe to work. Automatic arrangements to stop machinery instantly when danger seems impending. Plenty light and ventilation.

No. 1051. In as safe condition as possible.

No. 1052. Two stairways. During winter season work eight hours per day, with corresponding reduction in wages.

No. 1053. One stairway. Plenty of room in shop to employ twice the present force.

No. 1054. Fair condition.

No. 1055. Lighted by gas; heated by steam. Very fair condition.

No. 1056. Heated by stoves. Excellent condition.

No. 1057. Hose and pumps. Lighted by gas and electricity; heated by steam. Full force, 250.

No. 1058. Fair condition.

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WOOD-WORKING MACHINERY.

No. 1059. Hydrants and buckets. Lighted by electricity; heated by steam. Rather crowded. Full force, 125.

No. 1060. Fire extinguishers and buckets. Heated by stoves. One stairway.

No. 1061. Barrels of water and buckets. Began business March 1, 1891.

WOOD ENGRAVERS.

No. 1062. Good condition.

No. 1063. Hand grenades. Full force, 7.

No. 1064. Lighted by gas; heated by stoves.

WOOD TURNERS.

No. 1065. Ordered to cover hole in floor on second floor.

No. 1066. Barrels of water and buckets. Heated by steam.

No. 1067. Lighted by electricity; heated by steam.

No. 1068. Everthing clean and tidy.

No. 1069. Automatic sprinklers, barrels and buckets. Very fair condition.

No. 1070. Wood, shavings and varnish on second floor inflammable. Water barrels and buckets. Lighted by electricity; heated by steam. Full force, 60. Ordered to construct fire-escape by July 1, 1891.

ZINC WORKS.

No. 1071. Merely a series sheds built over furnaces. Full force, 250.

No. 1072. The workmen are provided with respirators, which, however, they do not use. Order to have covering of well to hoisting-machine replaced by gate or cross-bar.

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ST. LOUIS ARCHITECTURAL IRON WORKS.

Table showing average daily wages, as reported by employers, in 9 Architectural Iron works.

No. of establishment	1	2	3	4	5	6	7	8	9
Blacksmiths				$3 00		$2 50			
Boys					$1 00			$ 75	
Chippers and finishers				2 25	2 50			2 40	
Engineers						3 35			
Foundrymen	$3 50								
Helpers				2 00		1 75			
Laborers	1 60			1 50		1 50		1 50	$1 40
Machinists	2 50	$2 50	$2 50	2 50	2 50	2 75	$2 25	2 40	2 25
Moulders				2 60		3 00		2 85	
Pattern-makers	2 50			2 75	4 00	3 00	2 25		

ST. LOUIS AWNINGS.

Table showing average daily wages as reported by employers in 10 Awning factories.

Establishment	1	2	3	4	5	6	7	8	9	10
Cutters and fitters	$2 00	$2 00	$2 00	$1 50	$2 00	$2 00	$2 00	$2 00	$2 00	$2 00
Women sewers	1 25	1 00	1 00	1 00	1 15	1 00	1 00	1 00	1 00	1 00

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ST. LOUIS BAKERIES.

Table showing average daily wages as reported by employers in 10 Bakeries.

Establishment	1	2	3	4	5	6	7	8	9	10
Bakers	$2 00	$2 25	$2 25	$2 25	$2 00	$2 00	$2 25	$2 00	$2 50	$2 20
Drivers	.....	.....	.....	1 75	1 75	.....	.....	1 50	.....	.....
Foremen	3 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Women	.....	.....	.....	.....	.....	85	75	75	1 00	75

ST. LOUIS BEEF AND PORK-PACKING ESTABLISHMETS.

Table showing average daily wages as reported by employers in 21 St. Louis Beef and Pork-packing establishments.

Establishment	1	2	3	4	5	6	7	8	9	10	11
Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineers	.....	.....	$3 33	.....	.....	.....	$ 3 00	.....	.....	.....	.....
Firemen	.....	.....	2 00	.....	.....	.....	.....	.....	.....	.....	.....
Laborers	$2 00	$2 00	2 00	$2 00	$2 00	$2 00	$2 00	$2 00	$2 00	$2 00	$2 00

Establishment	12	13	14	15	16	17	18	19	20	21
Boys	.....	.....	.....	.....	$0 75	.....	.....	.....	.....	.....
Engineers	.....	.....	.....	.....	.....	.....	.....	$2 75	.....	.....
Firemen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laborers	$2 00	$2 00	$1 75	$2 00	2 00	$1 75	$2 00	2 00	$2 25	$2 00

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ST. LOUIS BOX FACTORIES.

Table showing average daily wages as reported by employes in 22 St. Louis box factories.

Establishment.	1	2	3	4	5	6	7	8	9	10	11
Bench-hands	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$2 25
Boys	83	.....	75	.....	75	.....	.....	66	.....	.....	.....
Engineers	.....	.....	.....	.....	$3 00	.....	.....	$3 33	.....	.....	.....
Laborers	.....	.....	.....	.....	.....	.....	.....	1 50	.....	.....	.....
Machine men	.....	.....	.....	.....	.....	.....	.....	.....	$2 00	.....	2 25
Machine boys	.....	.....	.....	.....	.....	.....	.....	.....	1 33	$1 00	.....
Nailers	.....	.....	.....	.....	.....	.....	.....	2 00	2 25	.....	.....
Pressmen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printer	.....	.....	.....	.....	.....	.....	.....	2 00	1 75	.....	.....
Planers	.....	.....	.....	.....	.....	.....	.....	2 50	.....	.....	.....
Sawyers	$1 75	$1 50	$2 25	$2 00	$2 50	$1 75	$2 25	1 75	.....	2 00	2 25
Women	1 00	83	85	75	75	90	.....	.....	.....	.....	.....

Establishment.	12	13	14	15	16	17	18	19	20	21	22
Bench-hands	$2 00	$2 25	$2 00	$2 00	$2 25	$2 25	.....	$1 30	.....	$2 00	$1 75
Boys	.....	60	65	.....	83	75	.....	.....	75	.....	.....
Engineer	2 75	3 00	.....	.....	2 50	3 00	$3 35	.....	$3 00	3 00	.....
Laborers	.....	.....	.....	.....	.....	.....	1 50	.....	1 50	.....	.....
Machine men	.....	2 25	2 00	2 00	2 00	2 25	2 50	1 30	2 25	2 00	1 75
Machine boys	1 00	1 00	.....	.....	.....	.....	.....	.....	.....	1 00	.....
Nailers	2 00	.....	.....	.....	2 00	2 25	.....	.....	2 25	.....	.....
Pressmen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Printer	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Planers	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 00	.....
Sawyers	.....	.....	.....	2 00	.....	.....	.....	.....	.....	2 00	1 75
Women	.....	.....	.....	.....	.....	.....	.....	1 30	.....	.....	.....

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ST. LOUIS BREWERS AND MALT HOUSES.

Table showing average daily wages as reported by employers in 38 St. Louis breweries and malt houses.

Establishments.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Bottlers' boys	$2 00	75	$1 00	.....	$1 50	.....	.....	.....	$1 30	.....	75	.....	.....	$1 20	.....	.....	.....	.....	.....
Brewers	2 10	$2 75	2 50	$2 60	2 60	$2 50	.....	$2 25	2 25	$2 10	$2 60	$2 25	$2 15	$2 00	$2 15	$2 10	$2 10	$2 17	$2 60
Cellar men	2 10	2 75	.....	2 60	2 60	2 60	.....	2 15	.....	2 10	2 60	.....	2 15	.....	2 15	2 10	2 10	2 17	2 60
Drivers & sta. men	2 00	2 00	.....	2 10	2 00	2 10	$2 15	2 10	2 00	2 00	2 10	2 00	2 15	.....	2 10	2 10	2 00	2 00	2 10
Engineers	3 25	4 00	.....	.....	.....	5 00	.....	3 25	3 50	2 50	.....	3 50	.....	.....	.....	.....	3 00	.....	3 50
Firemen	.....	2 50	.....	.....	.....	1 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 25
Foremen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laborers	.....	1 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Machinists	.....	2 50	.....	.....	.....	.....	.....	3 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malsters	2 10	1 50	2 50	2 60	2 60	2 15	.....	.....	.....	2 10	2 60	.....	2 15	2 00	.....	.....	.....	2 10	.....
Packer's men	.....	2 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Packer's boys	.....	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wrapper's men	.....	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wrapper's boys	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wash-house	.....	2 00	.....	2 40	.....	2 15	.....	.....	.....	.....	2 60	1 80	2 15	.....	2 10	2 10	.....	2 00	2 60

Establishment	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Bottler's boys	$1 50	.....	65	.....	58	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brewers	2 25	.....	$2 00	.....	$2 00	.....	$2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cellar men	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drivers & sta. men	2 00	.....	1 75	.....	.....	$2 25	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineers	3 50	.....	.....	.....	.....	2 75	.....	$3 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	$3 00	$3 00
Firemen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foremen	.....	.....	.....	.....	2 75	$2 75	.....	3 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	3 00	3 00
Laborers	.....	$1 75	.....	$1 65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 83	.....
Machinists	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Malsters	2 25	.....	.....	.....	.....	.....	.....	2 10	$2 25	$2 15	$2 25	$2 00	$2 15	$2 50	$2 15	$2 15	$2 25	.....	2 25
Packer's men	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Packer's boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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Wrapper's men																			
Wrapper's boys																			
Wash-house	1 90																		

ST. LOUIS BRASS FOUNDRIES.

Table showing average daily wages as reported by employers in 12 St. Louis brass foundries.

Establishments.	1	2	3	4	5	6	7	8	9	10	11	12
Boys									$85			
Brass workers	$2 00	$2 00	$2 50	$2 00	$2 50	$2 50	$2 50	$2 50	2 50	$2 25	$1 60	$1 50
Engineer									3 25	2 25		
Helper								1 50				
Laborers												
Machinists								2 50				
Pipe fitters								2 75				

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ST. LOUIS BRICK AND TILING WORKS.

Table showing average daily wages as reported by employers in 12 St. Louis brick and tiling works.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12
Boys	.....	$0 65	$0 75	$0 75	$0 63	$0 83	.....	.....	$0 75	.....	$0 60	.....
Brick-makers	$2 00	2 70	.....	.....	2 75	2 00	$2 75	$2 75	2 75	.....	.....	.....
Drivers	.....	.....	.....	.....	1 50	.....	.....	.....	1 50	.....	.....	.....
Engineers	.....	3 25	2 00	2 50	.....	.....	3 00	.....	3 00	.....	.....	$3 00
Firemen	.....	.....	.....	.....	2 00	2 75	2 00	2 25	2 00	.....	.....	2 00
Foremen	.....	.....	2 50	2 50	.....	.....	3 00	.....	.....	.....	.....	.....
Laborers	.....	.....	1 50	1 50	1 50	1 25	1 50	1 50	1 50	$1 50	.....	1 50
Machinists	.....	.....	.....	.....	.....	2 50	.....	.....	.....	.....	.....	.....
Miners	.....	.....	.....	.....	2 00	2 00	.....	.....	.....	.....	.....	.....
Moulders	.....	.....	.....	.....	2 50	2 00	.....	.....	2 25	.....	2 00	2 25
Pattern makers	.....	.....	.....	.....	.....	2 50	2 00	.....	2 50	.....	.....	.....

ST. LOUIS CANDY ESTABLISHMENTS.

Table showing average daily wages as reported by employers in 12 St. Louis candy establishments.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12
Boys	.....	.....	.....	.....	.....	.....	.....	$ 50	.....	$ 65	.....	.....
Men	$2 00	$1 20	$2 00	$2 00	$1 00	$1 66	$2 00	1 50	$2 00	3 25	$2 00	$1 50
Women	1 00	1 20	75	75	83	1 00	75	.....	70	1 10	85	75

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ST. LOUIS CARRIAGE, BUGGY AND WAGON FACTORIES.

Table showing average daily wages, as reported by employes in 87 St. Louis Carriage, Buggy and Wagon factories.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Blacksmiths	$2 40	$2 50	$2 50	$2 50	$2 50	$2 25	$2 50	$2 50	$2 00	$2 50	$2 50	$2 50	$2 50	$2 25	$2 50	$2 00	$2 25	$2 50
Boys					1 00													
Engineers				2 75													3 00	
Finishers												2 75	2 75					
Foremen																		
Helpers																		
Laborers							1 50										1 25	
Machinists							3 00											
Painters				2 50	2 50		2 50	2 50					2 00		2 50	2 00	2 00	
Repairers																	2 25	
Trimmers				2 50	2 50		2 50	2 50		2 50	2 75						2 25	2 00
Upholsterers							2 75	2 50										
Wood-workers	2 40	2 50	2 50	2 50	2 50	2 25	2 40	2 50	2 00	2 50	2 50	2 50	2 00	2 00	2 50	2 00	2 00	2 00
Wheelwrights																		
Women							1 25										1 25	

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WAGES IN ST. LOUIS CARRIAGE, BUGGY AND WAGON FACTORIES—Continued.

Establishment	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Blacksmiths	$3 00	$3 00	$2 00	$2 50	$2 50	$2 50	$2 50	$2 25	$2 50	$2 50	$2 25	$2 35	$2 50	$2 25	$2 50	$2 50	$2 00	$2 50
Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Finishers	.....	.....	.....	.....	.....	.....	.....	.....	2 50	.....	.....	.....	.....	.....	.....	1 75	.....	.....
Foremen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helpers	.....	1 00	.....	.....	.....	1 50	1 75	.....	.....	.....	.....	.....	.....	.....	.....	1 25	.....	.....
Laborers	1 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 75	.....	.....
Machinists	2 65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Painters	.....	2 00	.....	2 50	2 25	.....	2 25	.....	.....	.....	.....	.....	.....	.....	.....	2 25	.....	2 50
Repairers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trimmers	.....	.....	.....	2 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 25	.....	2 50
Upholsterers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wood-workers	2 65	2 50	2 00	2 50	2 50	2 25	2 50	2 25	2 50	2 50	2 25	2 35	2 25	2 25	2 50	2 50	2 00	2 50
Wheelwrights	.....	.....	.....	.....	2 50	2 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Women	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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WAGES IN ST. LOUIS CARRIAGE, BUGGY AND WAGON FACTORIES—Continued.

Establishment	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
Blacksmiths	$2 50	$2 50	$2 50	$2 25	$2 00	$2 50	$3 00	$2 50	$2 50	$2 25	$2 50	$2 25	$2 00	$2 25	$2 50	.....	$2 50
Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83	.....	.....	.....
Engineers	.....	.....	3 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Finishers	2 50	.....	2 50	.....	.....	2 50	.....	.....	2 25	.....	2 25	.....	.....	.....	.....	.....	.....
Foremen	.....	.....	3 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helpers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laborers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Machinists	.....	.....	.....	.....	.....	.....	2 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Painters	2 50	2 50	2 50	.....	.....	2 50	2 00	2 50	2 25	.....	.....	.....	.....	1 50	2 25	.....	.....
Repairers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$1 75	.....
Trimmers	.....	2 50	.....	.....	.....	.....	2 75	2 50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Upholsterers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wood-workers	2 25	2 25	2 50	2 25	2 00	2 50	2 75	2 50	2 25	2 25	2 25	2 25	2 00	1 50	2 25	.....	2 25
Wheelwrights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Women	.....	.....	.....	.....	.....	.....	1 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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WAGES IN ST. LOUIS CARRIAGE, BUGGY AND WAGON FACTORIES—Continued.

Establishment	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
Blacksmiths	$2 50	.....	$1 00	$2 00	$2 00	$2 00	$ 200	$2 25	$2 25	$2 00	.....	$2 50	$2 50	$2 50	$2 25	$2 25	$2 15
Boys	.....	.....	1 00	1 00	1 00	.....	1 00	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....
Engineers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3 00	.....	.....	.....	.....
Fineshers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 00	.....	.....	.....	.....
Foremen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helpers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laborers	.....	.....	.....	.....	.....	.....	1 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Machinists	.....	.....	.....	.....	.....	.....	2 15	.....	.....	2 00	.....	.....	.....	.....	.....	.....	.....
Painters	.....	.....	.....	1 75	1 66	1 75	1 75	.....	.....	2 00	.....	2 25	2 00	2 50	.....	.....	.....
Repairers	.....	$2 00	2 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trimmers	.....	.....	.....	.....	1 75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Upholsterers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wood-workers	2 25	.....	.....	2 00	2 00	2 00	2 15	2 25	2 25	2 00	$2 25	2 25	2 00	2 50	2 15	2 25	2 50
Wheelwrights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Women	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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WAGES IN ST. LOUIS CARRIAGE, BUGGY AND WAGON FACTORIES—Continued.

Establishment	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87
Blacksmiths	$2 25	$2 25	$2 25	$2 50	$2 25	$2 25	$2 50	$2 00	$2 25	$2 50	$2 25	$2 25	$2 00	.....	$2 50	$2 50	$2 50
Boys	.....	.....	60	1 00	.....	.....	75	1 00	.....	.....	.....	.....	.....	.....	.....	1 75	.....
Engineers	.....	.....	.....	.....	.....	.....	.....	.....	2 75	3 00	.....	3 35	.....	.....	3 00	.....	.....
Finishers	.....	2 25	.....	.....	2 00	2 25	.....	1 50	.....	.....	.....	2 25	.....	$2 25	.....	.....	.....
Foremen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Helpers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Laborers	.....	.....	.....	.....	.....	.....	.....	1 50	1 75	.....	.....	1 75	.....	.....	.....	.....	.....
Machinists	.....	.....	.....	.....	.....	.....	.....	.....	2 00	3 00	.....	.....	.....	.....	2 50	.....	.....
Painters	1 90	2 25	2 25	2 00	2 00	2 25	2 00	1 50	2 00	2 00	2 25	2 25	2 00	.....	2 00	.....	2 00
Repairers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 25	.....	2 25	.....	.....	.....
Trimmers	2 00	2 25	2 25	2 25	.....	.....	2 25	1 50	2 00	2 25	2 25	2 25	2 00	.....	.....	2 25	2 00
Upholsterers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 25	.....	.....	.....	.....	.....
Wood-workers	2 25	2 25	2 25	2 25	2 25	2 25	2 25	2 00	2 25	2 25	2 25	2 25	2 00	.....	2 25	2 25	2 40
Wheelwrights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Women	.....	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	75	.....	.....	.....	.....	.....

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ST. LOUIS CLOTHING FACTORIES.

Table showing average daily wages as reported by employers in 26 St. Louis Clothing factories.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13
Boys						$ 75							
Bushelmen					$3 00		$3 00	$3 00		$2 75			
Cutters	$3 00	$3 00	$3 00	$2 25	4 00	2 50	3 00	3 75	$3 00	3 25	3 35	2 00	1 75
Foremen													
Hand-sewing women	1 00	1 16		83	85	1 00	1 10		1 00			83	1 00
Machine women		1 16		83	85	1 00	1 10		1 00		1 00	83	1 00
Packers										1 50	2 00		
Pressers													
Tailors											2 00		

Establishment	14	15	16	17	18	19	20	21	22	23	24	25	26
Boys				$ 60	$ 60								
Bushelmen											$2 50		$2 50
Cutters			$2 50	2 00	2 50	$2 50	$2 00	$2 17	$3 00	$3 00	4 50	3 00	4 50
Foremen											3 00		
Hand sewing women		$ 83			1 00	1 00	1 00	1 10	83	90	88	85	
Machine women	$1 50	83	1 25	75	1 00	1 00	1 00	1 10	83	90	88	85	
Packers													
Pressers											2 00		
Tailors													

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ST. LOUIS CIGAR FACTORIES.

Table showing average daily wages as reported by employers in 21 St. Louis Cigar factories.

Establishment	1	2	3	4	5	6	7	8	9	10	11
Cigar makers	$2 25	$2 50	$2 00	$2 10	$2 00	$2 15	$1 66	$1 65	$2 10	$2 50	$1 62
Labelers, girls	.....	60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Packers	.....	2 50	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strippers and stemmers, boys	50	60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strippers and stemmers, girls	.....	.....	.....	70	.....	.....	.....	66	.....	1 00	.....

Establishment	12	13	14	15	16	17	18	19	20	21
Cigar makers	$2 25	$2 25	$2 00	$2 00	$1 66	$1 85	$1 75	$1 90	$1 75	$1 75
Labelers, girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Packers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strippers and stemmers, boys	.....	75	60	.....	.....	.....	.....	.....	.....	.....
Strippers and stemmers, girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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ST. LOUIS COOPER SHOPS.

Table showing average daily wages as reported by employers in 28 St. Louis Cooper shops.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Boys		$1 00					$0 66			$1 00				
Blacksmiths										2 25				
Coopers	$1 65	2 00	$1 50	$1 82	$2 00	$1 66	1 75	$1 33	$1 50	2 00	$1 65	$1 66	$1 50	$1 60
Engineers														
Foremen					2 50									
Laborers														
Machine men						1 66								
Machine boys						75								
Varnishers														

Establishment	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Boys		$0 75	$0 50	$0 75		$0 75		$0 60	$0 75					
Blacksmiths			2 50											
Coopers	$1 50	1 65	2 00	1 60	$1 60	1 60	$1 60	1 60	1 65	$1 60	$2 50	$1 50	$1 60	$1 83
Engineers			3 00								2 50			
Foremen														
Laborers			1 75											
Machine men			1 80											
Machine boys														
Varnishers			2 00											

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ST. LOUIS FLOUR AND GRIST MILLS.

Table showing average daily wages as reported by employers in 15 St. Louis Flour and Grist mills.

Establishment....	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Engineers	$3 00	$2 75	$3 50	$3 50	$3 50	$3 50	$3 50	$3 00	$3 30	$3 00	$3 00	$3 50	$3 50	$3 25	$3 00
Firemen	.....	.....	.....	.....	2 25	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour hands	1 75	1 50	1 75	2 00	2 00	2 00	1 75	2 00	1 50	2 00	1 50	1 90	.....	1 75	1 75
Laborers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 65	1 75	.....
Millers	3 00	3 00	3 50	4 00	3 75	3 75	4 00	5 00	3 25	3 50	3 00	3 75	3 75	3 50	3 50
Millers, assistant	.....	.....	3 00	3 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 50
Oilers	.....	.....	2 50	2 50	2 25	.....	.....	.....	.....	.....	.....	1 90	2 00	2 25	2 00

ST. LOUIS FOUNDRIES.

Table showing average daily wages as reported by employers in 14 St. Louis Foundries.

Establishment.....	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Blacksmiths	.....	.....	.....	$2 25	.....	$2 50	.....	$3 00	.....	.....	$2 00	.....	$2 50	.....
Boys	.....	$1 00	.....	.....	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....
Carpenters	.....	.....	.....	.....	$3 00	.....	.....	.....	.....	.....	.....	.....	.....	$2 80
Chippers	.....	.....	.....	.....	1 75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Core-makers	.....	.....	.....	.....	2 25	2 50	.....	.....	.....	.....	2 00	.....	.....	.....
Drivers and stablemen	.....	1 75	.....	.....	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineers	.....	3 50	.....	2 25	3 00	2 50	.....	.....	.....	$3 50	3 00	.....	3 50	.....
Laborers	$1 40	1 65	$1 50	1 50	1 75	1 50	$1 40	1 50	$1 50	1 50	1 50	$1 50	1 25	1 75
Machinists	.....	2 50	2 60	2 25	.....	2 50	3 00	3 00	2 75	2 50	2 50	.....	2 50	2 50
Moulders	2 40	2 25	2 60	2 25	2 75	2 50	5 00	3 00	2 75	.....	2 50	3 00	.....	.....
Pattern makers	2 75	.....	2 70	.....	.....	.....	3 00	3 00	2 75	3 00	2 50	.....	2 75	3 56

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ST. LOUIS FURNITURE AND CABINET ESTABLISHMENTS.

Table showing average daily wages as reported by employers in 44 St. Louis Furniture and Cabinet establishments.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Boys	60	$1 00	50	75	....	....	....	75	83	75	....	75	50	$1 00	50
Cabinet makers	$2 50	2 50	$2 50	$2 00	$2 00	$2 00	$2 00	$2 75	$2 50	$2 00	$2 25	$2 75	$2 00	2 50	$2 25
Carvers, hand	3 00	2 75	2 75	....	....	....	....	3 00	....	....	2 75	....	3 00	....	....
Carvers, machine	2 25	....	....	2 00	2 00	2 00	....	2 50	....	....	....	....	....	....	....
Carpenters	....	....	....	....	....	....	....	....	2 00	....	....	2 75	....	2 25	....
Engineers	3 00	2 75	2 75	2 00	2 00	2 00	....	3 00	3 00	2 50	2 75	....	3 00	....	....
Foremen	....	....	....	....	....	....	....	....	....	....	2 75	....	....	....	....
Machine hands	2 00	2 25	2 25	2 00	2 00	2 00	2 25	2 00	2 00	2 00	2 00	2 00	2 00	2 25	2 00
Packers	1 50	2 00	....	2 00	2 00	2 00	....	1 75	1 65	1 50	....	1 50	1 50	....	....
Painters	....	2 25	2 25	2 00	2 00	2 00	....	2 25	....	1 75	....	....	1 90	2 25	....
Tinners	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2 00
Upholsterers	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Varnishers	2 00	2 25	2 25	2 00	2 00	2 00	2 25	....	2 00	1 75	....	....	....	2 25	2 25
Women	....	....	50	....	....	....	....	....	....	66	....	....	....	....	....

Establishment	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Boys	35	60	75	....	83	75	66	....	60	50	75	62	....	....	....
Cabinet makers	$2 50	$2 50	$2 50	$2 25	$2 50	$2 50	$2 75	$2 75	$2 00	$2 75	$2 50	$2 75	$2 50	$3 00	$3 50
Carvers, hand	3 00	....	....	3 00	....	....	3 00	....	....	....	....	....	....	....	2 75
Carvers, machine	....	....	....	....	2 75	2 75	....	2 75	....	....	....	....	....	....	....
Carpenters	....	....	....	....	....	....	....	....	....	....	....	....	....	2 50	....
Engineers	....	3 00	2 75	3 00	....	3 00	2 75	3 00	3 00	....	....	3 00	....	....	3 00
Foremen	....	....	....	....	....	3 00	....	....	....	....	....	3 00	....	....	....
Machine hands	2 00	2 25	2 00	2 25	2 25	2 25	2 50	2 25	1 75	2 00	2 25	3 35	2 00	....	2 50
Packers	1 50	....	1 75	1 75	....	1 50	1 75	2 00	....	1 50	....	2 00	....	1 50	1 50
Painters	....	....	....	2 00	2 25	....	....	2 25	....	....	....	....	....	2 25	....
Tinners	....	....	2 00	....	....	....	....	....	....	....	....	....	....	....	....
Upholsterers	....	....	....	....	....	....	....	2 00	....	....	....	....	....	2 25	....
Varnishers	....	2 25	2 00	....	2 25	....	2 25	2 25	2 00	....	2 00	2 25	....	....	....
Women	66	....	....	....	....	....	....	....	....	....	....	....	....	....	....

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WAGES IN ST. LOUIS FURNITURE AND CABINET ESTABLISHMENTS—Continued.

Establishment	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Boys				50		60								83
Cabinet makers	$2 30	$2 25							$2 50	$2 75		$2 50	$2 75	$2 50
Carvers, hand	2 30								3 00					
Carvers, machine		2 25				$2 50								
Carpenters										2 75			2 75	
Engineers		2 75								3 00		3 33		3 00
Foremen														
Machine hands	2 30	2 00							2 75	2 75		2 50		2 00
Packers			$1 50		1 75	1 50	$1 50		1 65			1 65		
Painters										2 50			2 50	
Tinners													2 00	
Upholsterers			2 25	$2 00	2 25	2 25	1 75	2 00						
Varnishers			2 50		2 50	1 66	1 65	2 00	2 25	2 50	$2 25	2 00		
Women			80			1 00								

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ST. LOUIS HARNESS, SADDLE AND HORSE-COLLAR FACTORIES.

Table showing average daily wages as reported by employers in 19 St. Louis Harness, Saddle and Horse-Collar factories.

Establishments	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Boys	.....	$1 00	75	.....	.....	.....	75	.....	.....	.....	75	.....	.....	.....	.....	75	.....	$1 00	.....
Collar-makers	$2 25	2 00	$2 00	.....	$2 00	$1 75	$2 50	$2 00	.....	$1 50	$2 25	$1 75	$2 00	$2 00	$1 65	$1 25	$1 65	2 00	$1 66
Harness-makers	2 25	2 00	2 00	$2 00	2 00	2 00	2 50	2 00	$2 00	2 00	2 25	.....	.....	.....	.....	.....	.....	.....	.....
Saddlers	2 25	2 00	2 00	2 50	2 00	3 25	2 50	2 00	2 50	3 00	2 25	.....	.....	.....	.....	.....	.....	.....	.....
Women sewing	83	.....	.....	.....	.....	.....	.....	.....	.....	1 00	.....	.....	.....	.....	.....	.....	.....	.....	.....

ST. LOUIS IRON MANUFACTORIES.

Table showing average daily wages as reported by employers in 18 St. Louis Iron manufactories.

Establishments	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Blacksmiths	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...	$2 75	.....	.....	.....	$2 25	.....
Boys	.....	$1 00	$1 00	83	$1 10	.....	90	75	.....	.....	75	.....	.....	.....	$1 00	.....	.....	.....
Engineers	.....	3 25	.....	.....	.....	.....	.....	.....	.....	$4 00	.....	.....	.....	.....	.....	.....	.....	.....
Laborers	.....	1 50	.....	.....	.....	$1 50	$1 50	$1 50	.....	.....	.....	$1 50	1 50	$1 50	.....	.....	.....	.....
Machinists	.....	3 33	2 00	$2 50	2 25	.....	2 50	.....	$2 00	4 00	$2 25	2 50	2 25	.....	2 40	$1 75	2 25	$2 25
Machine helpers	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 00	.....	2 00	.....	1 75	.....	1 75	.....	.....
Moulders	$1 75	.....	.....	.....	.....	.....	.....	2 00	.....	.....	.....	2 25	.....	2 50	.....	1 75	.....	.....
Pattern-makers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3 00	.....	1 75	.....	.....
Wood-workers	.....	.....	.....	2 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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ST. LOUIS LAUNDRIES.

Table showing average daily wages as reported by employers in 29 St. Louis Laundries.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Drivers				$1 50											
Driers															
Engineers	$2 75	$2 25				$2 50		$2 75							
Foremen				2 50											
Ironers	1 50	1 50	85	1 35	$1 35	1 35		1 35	$1 35						$1 35
Laborers			$2 00		1 65		$1 66		2 00	$1 65	$1 65	$1 50	$1 65	$1 50	
Manglers															
Starchers		1 00		1 50		1 35		1 35							1 30
Washers, M				2 00		2 25		2 00							
Washers, F	1 50	2 00		1 40	1 25	1 35		1 50	1 35						1 35
Women							1 30			1 00	1 00	1 15	1 15	1 25	
Wrappers															

Establishment	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Drivers	$1 65				$2 00	$1 50		$2 00			$1 66	$1 65	$1 50	$1 66
Driers		$1 25												
Engineers		2 75			2 00		$2 50	2 50	$2 00	$2 00	1 66	1 65		2 50
Foremen							2 50							
Ironers	1 35	1 40	$1 35	$1 35			1 10	1 10			1 33		1 00	
Laborers			1 65	2 00										
Manglers		1 75	1 25	1 35							1 66	1 65		
Starchers	1 25	1 50	1 35	1 35			1 10	1 10			1 33		1 00	
Washers, M	1 75				2 00		2 50	2 50	2 00	2 00	1 66	1 65		
Washers, F	1 50	2 00	1 35	1 50		1 50	1 10		1 20	1 20	1 33		1 00	
Women					1 10	1 10								
Wrappers				1 00		1 50				1 20	1 33	83		1 20

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ST. LOUIS MACHINE-SHOPS.

Table showing average daily wages as reported by employers in 25 St. Louis Machine-shops.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13
Boys	83	85											
Engineers			$2 75					$3 00					
Foremen			3 00										
Laborers		$1 50				$1 50		1 65			$1 75		
Machinists	$2 00	2 50		$2 35	$2 25	2 60	$2 25		$2 25	$2 00	2 50	$2 50	$2 75
Machine boys			1 25	1 00								1 25	
Painters											2 25		
Pattern makers		2 50											
Wood-workers				2 35							2 25		

Establishment	14	15	16	17	18	19	20	21	22	23	24	25
Boys												
Engineers			$3 35			$2 50		$3 00		$3 00		
Foremen												
Laborers				$1 50								
Machinists	$2 50	$2 50	2 62	2 50	$2 40	2 50	$2 75	2 50	$2 25	2 50	$2 50	$2 50
Machine boys						1 25						1 25
Painters												
Pattern makers							2 75	2 50		2 50		
Wood-workers			2 50					2 50		2 50		

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ST. LOUIS MARBLE WORKS.

Table showing average daily wages as reported by employers in 15 St. Louis Marble works.

Establishment.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Boys	42	.....	.....	.....	.....	.....	65	.....	$1 00	.....	.....	.....	.....	.....	.....
Laborers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	$1 50	.....	.....	.....
Marble cutters	$2 25	$2 50	$2 50	$2 50	$2 50	$2 25	$1 75	$2 50	2 75	$2 50	$2 75	2 50	$3 25	$2 25	$2 50
Mantel setters	.....	.....	.....	.....	.....	2 25	.....	.....	.....	.....	.....	2 50	.....	.....	2 00
Polishers	.....	.....	.....	2 50	.....	2 25	.....	.....	.....	.....	.....	.....	.....	.....	2 50

ST. LOUIS PLANING MILLS.

Table showing average daily wages as reported by employers in 25 St. Louis Planing mills.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13
Bench hands	.....	$2 25	$2 75	$2 50	$2 50	$3 00	$2 50	$2 75	.....	.....	$2 50	$2 75	$2 50
Boys	.....	75	.....	.....	.....	.....	65	.....	.....	.....	50	.....	.....
Box sawyers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 00	.....	.....
Engineers	$3 00	2 75	3 35	3 00	3 25	3 00	.....	3 00	.....	.....	.....	.....	.....
Laborers	1 75	.....	1 50	.....	1 50	1 50	.....	1 50	.....	.....	1 50	1 50	1 75
Machine hands	.....	2 00	2 90	2 50	2 25	2 75	2 25	2 50	$2 50	$2 50	2 50	2 50	2 50
Machine boys	.....	.....	.....	.....	1 25	1 25	.....	1 00	1 00	1 00	1 00	1 00	.....

Establishment	14	15	16	17	18	19	20	21	22	23	24	25
Bench hands	$2 25	$2 50	$3 00	$2 50	.....	$2 60	$2 75	$2 75	$2 90	$2 50	$2 50	$2 25
Boys	60	.....	80	.....	.....	.....	.....	.....	.....	75	66	.....
Box sawyers	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 00	.....	.....
Engineers	.....	.....	.....	.....	2 50	3 00	3 33	2 75	3 33	.....	.....	.....
Laborers	1 50	.....	1 50	1 50	1 25	1 50	1 50	.....	1 50	1 60	.....	1 30
Machine hands	2 25	2 50	2 75	2 25	2 25	2 50	2 90	2 50	2 75	2 25	2 00	.....
Machine boys	.....	.....	.....	1 00	.....	1 00	.....	1 00	.....	.....	.....	.....

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ST. LOUIS PRINTING, LITHOGRAPHING AND BOOK-BINDING ESTABLISHMENTS.

Table showing average daily wages as reported by employers in 79 St. Louis Printing, Lithographing and Book-binding establishments.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Binders and rulers	$2 75									$2 50										$2 25
Boys					65			$1 00												
Compositors, male		$2 50	$3 00	$2 50	$2 50	$3 50	$3 00	3 50	$3 25		$2 50	$2 25	$2 40	$3 50	$2 00	$3 00	$3 00	$4 50	$1 25	2 25
Compositors, female						1 00					1 00					1 75				
Engineers					3 00			3 25		3 00						3 00	3 00	2 65		
Engravers																		3 00		
Folders and stitchers	90	60		75						1 00		50					75		60	75
Firemen																		2 25		
Foremen						3 50		4 30	4 25											
Laborers																				
Lithographers	3 50																			
Mailing department								2 50	2 50						1 50			2 00		
Printers	3 00																			
Pressmen	3 33	2 00	3 00	3 33	3 25		3 00	4 50	4 00	3 50	3 25		3 00	3 33		3 33	3 33	5 00	2 50	2 50
Press feeders, male	80	60	65	83			75			1 50	1 75	60	1 50	2 00					1 00	85
Press feeders, female																1 35	75			1 00
Press helpers					1 50			2 50	2 00	1 50								2 25		
Rulers																				
Stereotypers									2 75	3 50				2 75				3 00		
Telegraphers																		4 00		
Transferers																				

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WAGES IN ST. LOUIS PRINTING, LITHOGRAPHING AND BOOK-BINDING ESTABLISHMENTS—Continued.

Establishment	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Binders and rulers							$3 00													
Boys	60			60		75									83	$1 00			50	
Compositors, male	$2 75	$3 00	$2 50	$2 50	$3 00	$3 00	3 00	$2 25	$3 00	$2 05	$3 50	$3 90	$3 00				$2 50	$2 00	$2 00	$3 50
Compositors, female																		1 00		
Engineers							3 33				3 00	3 00								
Engravers																				
Folders and stitchers	65			60	80		83	75												
Firemen																				
Foremen																				
Laborers														$2 25	2 25	3 00				
Lithographers							3 50													
Mailing department											1 50	2 00								1 65
Printers																				
Pressmen	3 33	3 33	3 00	3 30	3 33	3 33	3 33	3 33		3 00		2 75	3 33							4 50
Press feeders, male	75	75	75	80	75	85	1 00	90	85				90						75	
Press feeders, female		75					83													
Press helpers																				2 00
Rulers																				
Stereotypers											2 75	3 00								3 00
Telegraphers											3 50	3 50								3 50
Transferers																				

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WAGES IN ST. LOUIS PRINTING, LITHOGRAPHING AND BOOK-BINDING ESTABLISHMENTS—Continued.

Establishment	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Binders and rulers																	$2 50	$2 50		
Boys		$ 66		$ 75			$ 83	$1 00						$1 00		$ 83				
Compositors, male	$2 60	3 00	2 25			3 00			3 00	3 00				3 00	2 50	3 00	3 00	3 16		
Compositors, female															1 50					
Engineers														3 00			3 00			
Engravers																		5 00		
Folders and stitchers					1 00								1 00			83	83	79		
Firemen																				
Foremen																4 20				
Laborers				2 25															2 00	2 00
Lithographers					2 00		2 50				2 75	3 50	2 25				3 00			
Mailing department	1 50																			
Printers																				
Pressmen	3 00		3 00						3 33	3 33				3 33	3 33	3 33	3 33	3 00		
Press feeders, male		1 00	65			1 00		1 00	75	1 25				1 00	75	1 25	1 00	1 25		
Press feeders, female																	1 00			
Press helpers																				
Rulers																				
Stereotypers																				
Telegraphers																				
Transferers																				

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WAGES IN ST. LOUIS PRINTING, LITHOGRAPHING AND BOOK-BINDING ESTABLISHMENTS—Continued.

Establishment	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
Binders and rulers	$2 50		$1 50	$3 00					$2 25		$1 25					$2 50	$2 50	$2 50	$2 50
Boys							66	75			1 00	1 00	1 00	83		60		85	1 00
Compositors, male	2 75			3 00					3 00	2 50	3 00	2 50	3 00	3 00	2 65	3 00	3 00	3 00	3 00
Compositors, female																1 00			
Engineers	3 00			3 50					3 25										
Engravers	4 50	3 50		5 00		4 00			4 00								4 00		
Folders and stitchers	1 00		50		1 00		73	83	90		83		65		83	87	65	83	1 17
Firemen																			
Foremen	1 50																		
Laborers																			
Lithographers	4 00																4 00	3 00	3 25
Mailing department																			
Printers																			
Pressmen	3 33	2 50		3 33	3 00	3 33	2 85	2 50	3 33		3 33	2 50	3 33	2 50	2 50	3 33	3 33	3 33	3 33
Press feeders, male	1 00			1 00		1 15			90	1 00	1 25		1 50	83		1 00	1 00	1 00	1 17
Press feeders, female				75					90							1 00		1 00	
Press helpers																			
Rulers	2 75								2 75										
Stereotypers	2 50																		
Telegraphers																			
Transferers		3 00		4 25		3 25			3 60								4 00		

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ST. LOUIS SHOE FACTORIES.

Table showing average daily wages, as reported by employers, in 27 St. Louis Shoe factories.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Bottomers	$2 50	.....	.....	$2 50	$2 35	.....	.....	.....	$2 00	$2 65	$3 00	$2 25	$2 50	$2 25
Boys	.....	.....	.....	1 00	60	.....	.....	.....	.....	.....	.....	.....	.....	80
Cutters	2 50	$2 00	$2 50	2 50	2 50	$2 50	$2 50	$3 00	2 50	2 65	.....	2 25	2 50	2 25
Engineers	.....	.....	.....	.....	.....	.....	.....	3 50	.....	.....	.....	.....	.....	.....
Foremen	.....	.....	.....	.....	.....	.....	.....	2 75	.....	.....	.....	.....	.....	.....
Finishers	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 65	3 00	.....	.....	.....
Lining cutters	2 00	2 00	2 00	1 25	1 35	1 25	2 00	.....	1 25	.....	.....	2 25	2 50	2 25
Machine men	2 25	2 00	2 15	.....	2 25	.....	.....	.....	.....	.....	.....	.....	.....	.....
Packers	.....	.....	.....	1 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Repairers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2 50	.....	.....	.....
Stackers	.....	.....	.....	2 25	2 35	2 25	.....	.....	.....	.....	.....	.....	.....	.....
Stitchers	91	.....	90	1 25	1 16	1 10	.....	.....	1 25	.....	.....	1 00	.....	.....
Stockers	2 50	2 00	2 50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stock fitters	2 50	2 00	.....	3 00	2 50	2 50	2 50	3 10	2 50	.....	3 00	.....	.....	.....
Table girls	75	1 10	.....	.....	1 16	1 00	.....	.....	80	1 00	.....	1 00	.....	90

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WAGES IN ST. LOUIS SHOE FACTORIES—Continued.

Establishment	15	16	17	18	19	20	21	22	23	24	25	26	27
Bottomers	$2 25	$2 25	$2 00	$2 25	$2 50	.....	$2 25	$2 16	$2 50	$2 00	$2 50	$2 35	2 25
Boys	75	66	1 00	75	.....	.....	.....	.....	.....	.....	50	.....	.....
Cutters	2 50	2 50	2 25	2 25	2 75	.....	2 25	2 50	2 50	2 00	.....	.....	2 50
Engineers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Foremen	.....	.....	.....	.....	.....	$3 00	.....	.....	.....	.....	.....	.....	.....
Finishers	.....	.....	.....	.....	2 50	.....	.....	.....	.....	.....	.....	.....	3 00
Lining cutters	.....	.....	.....	2 25	2 25	.....	2 25	.....	2 50	2 00	2 50	2 35	.....
Machine men	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3 50
Packers	.....	.....	.....	.....	75	.....	.....	.....	.....	.....	1 00	.....	.....
Repairers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stackers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stitchers	1 10	1 00	1 16	.....	.....	1 00	1 25	1 00	.....	1 00	.....	.....	.....
Stockers	.....	2 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stock fitters	2 50	2 25	.....	.....	2 50	.....	.....	.....	.....	.....	2 65	2 35	4 00
Table girls	65	75	.....	1 00	95	.....	.....	.....	75	.....	1 00	.....	.....

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ST. LOUIS SOAP FACTORIES.

Table showing average daily wages as reported by employers in 12 St. Louis Soap factories.

Establishment	1	2	3	4	5	6	7	8	9	10	11	12
Boys	60					75					75	85
Carpenters		$2 25		$2 00								
Coopers		2 75										
Engineers		4 75	$2 50	3 00						$3 00		
Laborers		1 62		1 25	$2 00	$2 00	$1 75	$2 00	$2 00	2 00	$1 66	$1 75
Moulders			2 00									
Steam fitters		2 75										
Stablemen		1 50										
Skilled workmen		2 00										
Soap boilers	$2 25	3 00	2 00	1 25								
Wrappers and cutters		75	75	66								
Watchmen		2 00										

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ST. LOUIS TOBACCO FACTORIES.

Table showing average daily wages as reported by employers in 10 St. Louis Tobacco factories.

Establishment	1	2	3	4	5	6	7	8	9	10
Boys		78	70	75	66	66	45	75	75	75
Cutters					$1 75			$1 50		$2 25
Engineers		$6 33		$3 50				3 50		2 75
Girls	75	80		75	1 16	$1 00			$1 00	1 00
Labelers										
Laborers						1 50				
Machine feeders				1 33		1 33				
Mixers						1 33				
Packers	$1 42	2 05		1 75	1 16	1 54			1 65	1 00
Pressmen						2 00			1 75	
Sweepers						1 00				
Twisters	1 42	2 05	$2 25				$1 50			
Wrappers, men				2 10				2 00		
Wrappers, women				1 75						
Wrappers, off									1 50	

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ST. LOUIS BRUSH FACTORIES.

Table showing average daily wages as reported by employers in 8 St. Louis Brush factories.

Establishment....	1	2	3	4	5	6	7	8
Boys	.....	75	50	.....	.....	65	66	50
Girls	.....	75	.....	.....	60	.....	.....	.....
Men	$1 90	$1 75	$1 75	$2 00	$1 40	$2 00	$2 00	$2 50

DRUGGIST'S SUNDRIES.

Table showing average daily wages as reported by employers in 9 St. Louis Druggists' Sundries houses.

Estab't	1	2	3	4	5	6	7	8	9
Chemists	.....	.....	.....	$4 50	.....	.....	.....	.....	.....
Engineers	.....	.....	$3 25	.....	.....	.....	.....	.....	.....
Men	$1 75	$1 75	1 50	1 50	$2 00	$1 50	$2 00	$1 80	$1 85
Women	.....	75	60	66	60	75	83	80	60

ST. LOUIS GLASS FACTORIES.

Table showing average daily wages as reported by employers in 5 St. Louis Glass factories.

Establishment	1	2	3	4	5
Blowers	$6 00	$7 70	$6 50	$4 75	$3 00
Boys	.....	.....	65	75	.....
Cutters	.....	5 00	.....	.....	.....
Flatteners	.....	7 70	.....	.....	.....
Gatherers	.....	4 00	.....	.....	.....
Heaters	1 80	.....	.....	.....	.....
Laborers	1 50	1 25	1 50	1 50	3 00
Mixers	1 50	1 25	.....	.....	.....
Pot-makers	.....	3 00	.....	.....	.....
Teasers	.....	2 00	2 25	.....	3 00

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ST. LOUIS STAMPING WORKS.

Table showing average daily wages as reported by employers in 8 St. Louis Stamping works.

Establishment....	1	2	3	4	5	6	7	8
Apprentices	.....	$1 00	.....	.....	.....	.....	.....	$1 08
Boys	60	.....	.....	85	.....	.....	83	.....
Engineers	.....	.....	.....	.....	$1 66	.....	$2 75	$4 00
Firemen	.....	.....	.....	.....	.....	.....	.....	$2 00
Jour. tinners	$1 35	2 00	$2 50	$3 50	1 66	$2 25	2 00	2 03
Machinists	.....	.....	.....	.....	.....	.....	2 50	.....
Teamsters	.....	.....	.....	.....	.....	.....	.....	2 00
Women, japan'g	.....	.....	.....	75	.....	.....	1 00	75
Wood-workers	.....	.....	.....	.....	1 66	.....	.....	.....

ST. LOUIS TANNERIES.

Table showing average daily wages as reported by employers in 9 St. Louis Tanneries.

Estab't ...	1	2	3	4	5	6	7	8	9
Barkmen	.....	.....	.....	.....	.....	.....	.....	$1 75	.....
Engineers	.....	.....	.....	.....	.....	.....	.....	2 75	$3 00
Laborers	.....	.....	.....	.....	.....	.....	.....	.....	1 50
Scrapers	.....	.....	.....	.....	.....	.....	.....	2 00	.....
Tanners	$1 50	$1 65	$1 75	$2 00	$1 65	$1 65	$1 75	2 00	2 00

ST. LOUIS STOVES AND RANGES.

Table showing average daily wages as reported by employers in 7 St. Louis Stove and Range foundries.

Establishment.....	1	2	3	4	5	6	7
Blacksmiths	$2 75	.....	.....	.....	.....	.....	.....
Carpenters	2 25	.....	.....	$2 50	.....	.....	.....
Cleaners	2 00	.....	.....	.....	.....	.....	.....
Cupola tenders	2 00	.....	.....	.....	.....	.....	.....
Engineers	3 00	.....	.....	.....	.....	$3 00	.....
Japanning	.....	.....	.....	1 50	.....	.....	.....
Laborers	1 75	$1 75	.....	1 75	.....	1 50	$1 75
Machinists	.....	.....	.....	3 00	.....	2 75	.....
Marbleizers	3 00	.....	.....	.....	.....	.....	.....
Moulders	2 75	2 50	$2 30	2 50	$2 50	2 75	2 75
Mounters	2 50	3 00	2 00	3 00	.....	2 25	.....
Nickel platers	2 25	.....	.....	.....	.....	.....	.....
Painters	.....	.....	.....	2 25	.....	.....	.....
Pattern filers	.....	.....	.....	2 75	.....	.....	.....
Pattern makers	2 50	.....	.....	3 00	.....	3 00	.....
Plumbers	.....	.....	.....	2 75	.....	.....	.....
Polishers	2 50	.....	.....	.....	.....	.....	.....
Shippers	.....	.....	.....	2 00	.....	.....	.....
Tinners	.....	.....	.....	.....	2 50	.....	.....

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ST. LOUIS WAREHOUSES.

Table showing average daily wages as reported by employers in 7 St. Louis Warehouses.

Establishment	1	2	3	4	5	6	7
Drivers	.....	.....	.....	.....	.....	.....	.....
Engineers	.....	$3 00	$2 00	.....	.....	.....	.....
Foremen	.....	.....	2 00	.....	.....	.....	.....
Laborers	$2 00	1 75	2 00	$1 65	$1 50	$1 84	$1 75
Porters	.....	.....	.....	.....	1 75	.....	.....
Women	.....	.....	.....	.....	.....	1 00	.....

ST. LOUIS PAINT FACTORIES.

Table showing average daily wages as reported by employers in 8 St. Louis Paint factories.

Establishment	1	2	3	4	5	6	7	8
Boys	$1 25	.....	.....	.....	83	75	...	.....
Engineers	2 75	$2 25	$3 00	.....	.....	$2 75	$2 75	$2 75
Labeling women	65	.....	.....	.....	91	.....	66	.....
Laborers	.....	.....	.....	$1 50	$1 50	.....	..	.....
Pkge & box fillers	.....	.....	.....	.....	.....	2 10	2 00	.....
Paint mixers	2 00	2 25	2 00	3 00	2 35	2 10	2 00	1 75

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WORKING WOMEN.

The condition of working women of the entire country has, of late years, been a subject which has merited the attention of all thoughtful and philanthropic classes as well as of the students of social and political economy. The medical faculty have observed the rise and progress of new ailments; the vital statistics have shown material changes in the proportions of births and deaths; the fields of labor have been subjected to a multiplicity of changes within the past few decades, and the gentle and restraining influences of home have relaxed their hold upon the youth of the present generation, until it has become a question of momentous import to the welfare of the nation to ascertain the cause of these changes, and to what extent they can be permitted to continue with propriety. And not alone in this country is the matter being gravely considered, but its importance is attracting the consideration of the statesmen and scientists of every civilized nation throughout Christendom. It is beyond the scope of this Bureau to enter into any dissertation upon a topic of such vast import, and neither the time nor opportunity has been offered to investigate the subject beyond a few classes of work which came under our observation in the course of the regular factory inspection during the past year.

Perhaps the most numerous class of working women are those engaged in the manufacture of clothing and underwear, but a very small proportion of whom work in regular factories in connection with the houses for which the goods are manufactured. Of the various factories visited, it was found that the employes did not constitute over 25 per cent of the entire number engaged in sewing garments for the manufacturers, the remainder being carried away from the store by individuals, who were estimated to engage work sufficient for from one to seventy-five persons. Of these latter, but little could be learned as to the number of hours worked or the daily earnings of the operatives, but of the class that worked directly for the manufacturer, the average earnings varied from 35 cents per day for beginners to $1.25 for experienced hands, the working time being 10 hours per day. The work,

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while confining, was not of a wearying character, nor did it involve any physical injury to the system, except in perhaps 10 per cent of the factories inspected, where the work was performed on sewing machines operated by treadle—steam or electric moters being employed in the other establishments.

The sewing women who work at home are often under the necessity of doing their own housework and sewing at intervals, and perhaps far into the night, and yet find it difficult to earn exceeding 50 cents per day during the busy season. One manufacturer, who is among the largest of his class in the United States, informs the Bureau that among the hundreds of employes who carry work home from his store, the work performed would indicate an average of 7 hours per day, the earnings being about 75 cents per day for a season of about 8 months; but he admits that an equal amount of work might be performed on other classes of goods, and the compensation would only amount to 50 cents per day.

The general surroundings of the sewing women engaged in factories are fair, and the accommodations which are provided indicate a disposition on the part of the employers to promote the welfare of their employes. There were, of course, exceptional cases, where the chief care seems to have been to obtain all the work possible at the least expense. The general appearance of the women working in the clothing factories indicated good health, and their ages varied from 16 to 25 years, 19 being the average. While there were various nationalities represented, those of native birth appeared to preponderate, closely followed by the German, with but a small representation of the Irish, Scotch and English races.

Closely allied to these sewing girls in the nature of their work were those engaged in the large dress-making and millinery establishments, where, however, fully one-third of the work is performed by hand, and another third on sewing machines operated by foot, while less than a third was performed on power machines. In these establishments the employes appeared to be of a more intellectual class, and of an average age of 22 years, ranging from 19 to 35, but few girls being employed. These women ordinarily work 10 hours per day, and their average wages are stated to be $1.25 per day. The work-shops for this kind of work are not as commodious as they should be for the number of persons employed, nor are the wages as high as might be expected for the character of work performed and the taste required. These remarks refer only to those engaged in the large manufacturing dry goods and millinery houses, and are not applicable to the smaller jobbing millinery shops.

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Of the very large class of factories employing women, they are the most prominent in the manufacture of shoes, the proportion of the sexes being about equal. Not so, however, in regard to earnings. In the shoe factories everything is conducted upon the piece system, and there is no lagging behind in the discharge of the respective duties of the several employes. While the work of the women in sewing uppers and packing the shoes is light, it keeps them on a constant strain, and the wages average $1 per day of 10 hours. The condition of the workshops is generally good, well ventilated, light and airy, and in every way conducive to a strong, healthy development of the system, as the girls are usually of a vigorous constitution and robust appearance.

The large tobacco factories of St. Louis give employment to about 2,500 women and girls, whose ages vary from the tender child of 10 years to the gray-haired matron of 60—the average age of stemmers, however, being 15 years, and of lump wrappers 21 years. Their nativity is various, nearly one-third being of Bohemian origin, while nearly another third are of Slavic and Saxon birth, the remainder including various nationalities, not 10 per cent of the entire number being native born. Among the female employes of one establishment nearly one-third are colored.

The oft-repeated question as to the healthfulness of this employment can best be answered by the statement made by the superintendents of several establishments, that the percentage of absence from work on account of sickness among the female employes is less than 5 per cent, while the percentage of absence among the male employes for various causes exceeds 10 per cent. The average continuance of girls in tobacco factories is about five years, a large number being pointed out who have been constantly employed in tobacco factories for periods ranging from 15 to 25 years. The average earnings of stemmers and strippers amount to 85 cents per day, while the lump wrappers average $1.65 per day, the smallest earnings being $2 per week, and the largest thus far have been $18 per week. The factories are usually provided with fans to expel the impure and foul vapors from the tobacco while "sweating," and the atmosphere is frequently much less impregnated with tobacco fumes inside the workshop than it is outside. The factories are thoroughly cleansed, well ventilated and lighted, separate dressing rooms and closets are provided, and as great care taken to promote the moral welfare of the employes as the physical.

Among the light employments which engage the services of a large number of women and girls is the manufacture of candy and confections, in which work there are over 1,000 females employed in St. Louis.

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This work requires the girl to be upon her feet almost the entire day of 10 hours, and the average wages are 75 cents per day, ranging from $3 to $5.50 per week, the ages of the girls varying from 13 to 20 years, and they are largely of German parentage. The condition of these workshops has kept pace with the other manufacturing establishments, and is a vast improvement over former years, the work-rooms being generally well lighted and ventilated, and provided with accessories to cleanliness and health.

The paper-box trade furnishes employment to several hundred girls of ages varying from 9 to 18 years, at wages ranging from $2 to $6 per week. These factories are usually too crowded with manufactured material and machinery to admit of free ventilation; but the main objection appears to be in the fact that too great a proportion of the entire number are of an age that they should be required to attend school rather than stunt their growth by continuously standing at their work for 10 hours a day. Seats are provided where it is possible, but in the majority of cases they cannot be used while at work.

The printing and book-binding trades also furnish employment to quite a large number of young women, whose earnings are in many cases dependent upon their expertness, ranging from nothing for the first few weeks to $2.50 per day for compositors, averaging about $8 per week, with 9 hours' work per day. Those engaged in the press-rooms and binderies are employed 10 hours and earn about $6 per week as feeders, and $5 as folders and stitchers. Nearly all of the employes in this class of labor are adults of fair education and American birth. The establishments in which they are engaged are, as a rule, well arranged for comfort and health, but in some cases there is too much crowding, owing to an increase of business without a corresponding enlargement of premises. The work is healthy, with a tendency to develop both intellect and muscle.

Of the various occupations pursued by women and girls, there are perhaps none more injurious to both health and morals than those of sorting rags and paper, cleaning peanuts, and operating machines in cotton mills and bagging factories. In these establishments are to be found girls of 8 years of age and upward, the average being about 12 years. While it is claimed that there is nothing connected with the work performed that can be detrimental to health, it must at least be doubted whether the constant buzz of machinery will not affect the hearing, and the inhalation of dust and lint must ultimately affect the lungs and plant germs of consumption. It is urged that the work is so lucrative and fascinating that many of the larger girls, after leaving these factories, return seeking employment as more congenial and profitable

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than can be found elsewhere. Be that as it may, the employes do not possess that freshness and robust vigor to be found among an equal number of girls engaged in other avocations. In many of the eastern States and in England there are stringent laws against the employment of children of school age, and where they are employed their labor is restricted to alternate days. It may not be amiss here to state that the improvement of the mental and moral condition of this class of female wage-workers has attracted the especial attention of a number of charitably-disposed Christian women, whose efforts at amelioration will be referred to farther on in this report.

The laundry business is constantly increasing, and the number of employes engaged in this industry is fully 1,000, exclusive of those who work at home or go out by the day. The average earnings of laundresses is $1 per day for nine hours' work, and this class of work women are largely of Irish nativity. The workshops are generally clean and wholesome, and the employes show a remarkable degree of vigor.

It is impossible in this brief introductory to refer to the various avenues to employment which are now trodden by the young women of our land; but as the favorite pursuits are those of stenographer, type-writer, telegrapher, cashier, assistant book-keeper and saleswoman, the applicants for positions in these lines greatly outnumber the vacancies to be filled, and, as a consequence, what were at one time remunerative employments now afford but a meager subsistence, when it is considered that the mode of living and dressing must be commensurate with the dignity of the occupation sought.

A general survey of the home conditions, the moral and social surroundings, the educational facilities, and a brief sketch of the various societies and institutions established for the promotion of the welfare of the working women in the State follow, showing that considerable interest is manifested in this important subject. Yet much remains to be done, which a more intimate acquaintance with the facts will demonstrate to be necessary for the preservation of both health and morals in the community.

[To expedite the printing of this report, the tables individualizing each working woman are omitted. The following table is a summary of the totals:]

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SUMMARY SHOWING CONDITION OF WORKING WOMEN.

ST. LOUIS.

Occupation.	No. of working women. Single	Married	Widow, divorced, separated	Total	Average age when began work	Average present age	Average annual net earnings	Average amount spent for clothing	No. working women who pay for room and board	Average expense for room and board	No. working women who support or help to support a family
Awnings and tents	22	1	2	25	18	25	$282 00	$42 00	5	$153 60	3
Bagging factories	12	1	....	13	14	18	226 00	44 50	....	.....	12
Basket makers	4	....	....	4	17	20	280 00	65 00	....	.....	3
Book-binders	31	....	....	31	17	21	268 00	51 60	13	164 00	24
Brewery workers	....	....	....	....	....	....	.....	.....	....	.....	....
Candy factories	22	....	1	23	16	20	223 00	39 80	11	130 50	14
Canning establishments	....	....	....	....	....	....	.....	.....	....	.....	....
Car companies	7	....	....	7	18	22	365 00	69 00	2	182 00	7
Carpet sewers	....	....	....	....	....	....	.....	.....	....	.....	....
Cash girls	11	....	....	11	13	14	84 00	37 00	....	.....	6
Chair factories	16	....	1	17	15	18	226 00	34 75	....	.....	15
Chemical company	3	....	....	3	18	20	300 00	54 00	....	.....	1
Chewing-gum factories	8	....	....	8	15	18	211 00	41 25	....	.....	2
Cigar-box factories	16	....	....	16	16	21	304 00	45 45	2	117 00	15
Cloak factories	7	....	....	7	18	25	318 00	31 60	3	142 60	4
Coffee packing	....	....	....	....	....	....	.....	.....	....	.....	....
Clothing	....	....	....	....	....	....	.....	.....	....	.....	....
Coffin factories	5	....	....	5	19	22	280 00	61 80	2	142 00	2
Cocoanut factories	16	....	....	16	15	16	187 00	36 20	1	156 00	13
Corset factories	16	....	....	16	18	21	245 00	37 90	5	180 80	11
Cotton mills	20	....	3	23	19	20	208 00	26 40	4	170 25	21
Cracker factories	....	....	....	....	....	....	.....	.....	....	.....	....
Dress-makers	7	....	4	11	20	27	184 00	36 35	4	154 50	5
Drugs	....	....	....	....	....	....	.....	.....	....	.....	....
Electric-lamp companies	5	....	....	5	18	18	223 00	76 80	1	79 00	3
Grocers' sundries	11	....	1	12	17	18	229 00	57 00	3	158 00	4
Hair workers	....	....	....	....	....	....	.....	.....	....	.....	....
Hardware mfg company	....	....	....	....	....	....	.....	.....	....	.....	....
Hat and bonnet bleachers	....	....	....	....	....	....	.....	.....	....	.....	....
Hat factories	....	....	....	....	....	....	.....	.....	....	.....	....
Hemp factories	4	....	....	4	14	16	165 00	40 00	....	.....	3
Hosiery factories	14	....	....	14	14	18	166 00	37 00	....	.....	13
Jeans pants and overalls	20	....	3	23	20	24	228 00	41 00	5	147 50	16
Ladies' underwear	17	....	4	21	23	24	158 00	40 50	3	196 00	17
Laundries	23	3	1	27	20	23	245 00	38 80	11	141 70	19
Match factories	23	....	1	24	15	19	259 00	37 45	8	224 00	20
Mattress factories	4	1	1	6	28	32	230 00	29 00	4	117 00	2
Milliners	....	....	....	....	....	....	.....	.....	....	.....	....
Paint and lead factories	....	....	....	....	....	....	.....	.....	....	.....	....
Paper-bag factories	2	....	1	3	19	26	288 00	35 00	2	143 00	3
Paper-box factories	23	....	....	23	15	19	257 00	32 80	3	182 00	15
Patent medicines	4	....	....	4	15	18	224 00	45 00	....	.....	4
Peanut assorters	18	....	1	19	14	15	134 00	15 00	1	288 00	17
Pickle companies	14	....	....	14	15	18	240 00	36 00	2	135 00	13
Pork-packing houses	....	....	....	....	....	....	.....	.....	....	.....	....
Printing houses	....	....	....	....	....	....	.....	.....	....	.....	....
Rag pickers	1	....	....	1	6	22	167 00	23 00	1	102 00	1
Saleswomen	21	1	2	24	16	20	313 00	99 00	15	164 00	12
Seamstresses	....	1	3	4	40	55	114 00	3 25	3	121 00	3
Seed houses	....	....	....	....	....	....	.....	.....	....	.....	....
Shirt factories	21	3	2	26	18	22	245 00	37 50	3	152 00	23
Shoe factories	94	3	1	98	16	20	292 00	56 50	17	148 50	27
Boot factories	....	....	....	....	....	....	.....	.....	....	.....	....
Soap factories	5	....	....	5	17	18	209 00	73 60	....	.....	2
Stamping mills	4	....	....	4	20	21	182 00	19 00	....	.....	3
Tailoresses	29	....	6	35	19	23	239 00	41 00	12	146 60	26
Tobacco factories	180	8	13	201	17	21	271 00	50 00	36	163 00	157
Toy factories	9	....	....	9	16	17	191 00	33 50	....	.....	4
Type foundries	10	....	....	10	18	20	301 00	38 00	....	.....	10
Upholsterers	....	....	....	....	....	....	.....	.....	....	.....	....
Wire mills	2	....	....	2	15	16	155 00	37 50	....	.....	2
Woolen mills	....	....	....	....	....	....	.....	.....	....	.....	....
Paper warehouses	17	....	....	17	16	18	188 00	24 60	2	117 00	14
Totals	798	22	51	871	....	....	.....	.....	184	.....	66

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SUMMARY SHOWING CONDITION OF WORKING WOMEN.

KANSAS CITY.

Occupation.	No. of working women. Single	Married	Widow, divorced, separated	Total	Average age when began work	Average present age	Average annual net earnings	Average amount spent for clothing	No. working women who pay for room and board	Average expense for room and board	No. working women who support or help to support a family
Awnings and tents	8		1	9	22	24	$289 00	$48 00	6	$165 00	4
Bagging factories											
Basket-makers											
Book-binders	18			18	20	22	233 00	56 00	4	111 00	8
Brewery workers	19			19	16	17	180 00	32 00	5	73 00	9
Candy factories	15	1		16	16	20	233 00	39 00	5	88 00	12
Canning establishments											
Car companies											
Carpet sewers	7	2	2	11	25	31	370 00	44 00	6	260 00	5
Cash girls											
Chair factories											
Chemical company											
Chewing-gum factories											
Cigar-box factories	2	2		4	17	24	313 00	46 00			3
Cloak factories											
Coffee packing											
Clothing											
Coffin factories											
Cocoanut factories											
Corset factories											
Cotton mills											
Cracker factories	18	1		19	18	20	235 00	62 00	6	134 00	9
Dress-makers	28		4	32	19	25	381 00	55 00	16	233 00	11
Drugs	2			2	17	19	360 00	53 00	1	195 00	1
Electric-lamp companies											
Grocers' sundries	21			21	17	18	128 00	45 00	5	140 00	9
Hair workers	7	1		8	18	20	308 00	66 00	1	247 00	5
Hardware mfg. company											
Hat and bonnet bleachers	3			3	19	23	289 00	42 00			
Hat factories	2			2	17	19	284 00	60 00	1	156 00	2
Hemp factories											
Hosiery factories											
Jeans pants and overalls	27	2	3	32	21	24	246 00	49 00	15	168 00	21
Ladies' underwear											
Laundries	11	7	4	22	21	26	284 00	35 00	4	208 00	12
Match factories											
Mattress factories	3			3	20	24	463 00	77 00			1
Milliners	19	4	1	24	20	26	459 00	99 00	12	249 00	9
Paint and lead factories	3			3	16	17	248 00	42 00			3
Paper-bag factories	15			15	18	20	189 00	65 00	5	99 00	7
Paper-box factories											
Patent medicines											
Peanut assorters											
Pickle companies											
Pork-packing houses	10	3	3	16	22	26	251 00	42 00	2	286 00	11
Printing houses	11	1		12	17	20	369 00	58 00	10	155 00	4
Rag pickers											
Saleswomen	57	1	3	61	16	19	266 00	69 00	17	227 00	26
Seamstresses											
Seed houses	2			2	19	20	83 00	55 00			2
Shirt factories	13	5	1	19	24	27	297 00	51 00	9	208 00	8
Shoe factories	1			1	17	20	320 00	65 00	1	338 00	1
Boot factories											
Soap factories	3			3	16	18	192 00	25 00			3
Stamping mills											
Tailoresses	10	3	7	20	25	28	240 00	50 00	14	171 00	15
Tobacco factories	1		2	3	22	24	117 00	62 00	2	156 00	2
Toy factories											
Type foundries	2			2	17	22	223 00	35 00			1
Upholsterers	5		1	6	21	24	338 00	62 00	2	228 00	3
Wire mills											
Woolen mills											
Paper warehouses	3		2	5	30	32	126 00	16 00	4	127 00	3
Totals	346	33	34	413					153		210

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SUMMARY SHOWING CONDITION OF WORKING WOMEN.

ST. JOSEPH.

Occupation.	No of working women. Single	Married	Widow, divorced, separated	Total	Average age when began work	Average present age	Average annual net earnings	Average annual amount spent for clothing	No. working women who pay for room and board	Average expense for room and board	No. of working women who support or help to support a family
Awnings and tents	2			2	16	17	$128 00	$33 00			
Bagging factories											
Basket makers											
Book-binders	5			5	18	20	258 00	70 00	2	$104 00	5
Brewery workers											
Candy factories	12			12	15	19	196 00	55 00	2	117 00	9
Canning establishments	3			3	13	14	87 00	13 00			3
Car companies											
Carpet sewers											
Cash girls											
Chair factories											
Chemical company											
Chewing-gum factories											
Cigar-box factories	4			4	16	17	143 00	52 00			3
Cloak factories											
Coffee packing	6		1	7	19	22	394 00	70 00	1	65 00	7
Clothing	20	2	1	23	18	22	273 00	48 00	11	122 00	17
Coffin factories											
Cocoanut factories											
Corset factories											
Cotton mills											
Cracker factories	15			15	16	18	181 00	41 00	4	82 00	14
Dress-makers	4		1	5	21	26	380 00	82 00	4	189 00	2
Drugs											
Electric-lamp companies											
Grocers' sundries											
Hair workers											
Hardware mfg. companies	3			3	18	21	203 00	57 00	2	117 00	2
Hat and bonnet bleachers											
Hat factories											
Hemp factories											
Hosiery factories											
Jeans pants and overalls	9	1	1	11	23	25	240 00	55 00	8	152 00	7
Ladies' underwear											
Laundries	8	1	1	10	18	23	330 00	49 00	6	134 00	3
Match factories											
Mattress factories											
Milliners	5	1		6	18	26	569 00	134 00	5	196 00	
Paint and lead factories											
Paper-bag factories											
Paper-box factories	10			10	15	18	204 00	63 00	2	104 00	6
Patent medicines											
Peanut assorters											
Pickle companies											
Pork-packing houses											
Printing houses											
Rag pickers											
Saleswomen	17	1		18	18	21	262 00	75 00	3	165 00	10
Seamstresses											
Seed houses											
Shirt factories	3		1	4	22	27	423 00	46 00	2	234 00	2
Shoe Factories	6		1	7	16	20	224 00	51 00	4	143 00	7
Boot factories	4			4	16	19	321 00	50 00	3	121 00	3
Soap factories											
Stamping mills											
Tailoresses											
Tobacco factories											
Toy factories											
Type foundries											
Upholsterers											
Wire mills											
Woolen mills	22	1	2	25	18	22	182 00	46 00	9	113 00	20
Paper warehouses											
Totals	158	7	9	174					68		116

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TABLE SHOWING AGE AT WHICH WORKING WOMEN IN ST. LOUIS, KANSAS CITY AND ST. JOE BEGAN WORK.

ST. LOUIS.

Occupation.	Under 14.	14	15	16	17	18	19	20	21-25	26-30	31-40	Over 40.	Not given.	Total
Awning and tent factories		3	4	1	4	6	2	1	2	2				25
Bagging factories	4	2	4	1	1								1	13
Basket factories		1	2						1					4
Book-binding	1	6	10	6	1	3	2		2					31
Brewery workers														
Candy factories	4	5	3	3	5			2		1				23
Canning establishments														
Car companies				1	2	1		3						7
Carpet sewers														
Cash girls	9	2												11
Chair factories	7	4	1	2	1	1					1			17
Chemical establishments			1			1		1						3
Chewing-gum factories	3	1	1	1		1	1							8
Cigar-box factories	2	6	1	1	1	1	2		1	1				16
Cloak factories		2		1		1	1	1	1					7
Clothing houses														
Coffee packing														
Coffin factories				1		1	1	1	1					5
Cocoanut mills	2	5	5	3		1								16
Corset factories		2	2	3	1	2	3	1	2					16
Cotton mills	11	6	3		1		1				1			23
Cracker factories														
Dress-making	2	1	1		1		1		2	2	1			11
Drug companies														
Dry-goods stores														
Electric lamp companies				1	2		1		1					5
Grocers' supplies		2	1	4	2	1		1	1					12
Hair-workers														
Hardware manufacturing companies														
Hat and bonnet bleaching														
Hat factories														
Hemp factories	1	2	1											4
Hosiery	4	3	4	2	1									14
Jeans pants factories			5	3	4	2	1		3			2	3	23
Ladies' underwear			2	3	4	4	1	1	1	2	1	2		21
Laundries	1	2	1	3	4	2	2	2	8	2				27
Match factories	8	7	3	1	3				1	1				24
Mattress factories				1		1			1		2	1		6
Millinery														
Overall factories														
Paint and lead companies														
Paper-bag factories						1	1		1					3
Paper-box factories	6	6	4	3	3					1				23
Paper-houses	5	2	4	5							1			17
Patent medicines		1	2		1									4
Peanut assorters	15	1	1		1						1			19
Pickle companies	2	6	1	2	1	1	1							14
Pork packing														
Printing establishments														
Rag-pickers	1													1
Saleswomen	6	3	4	2	3	4	1			1				24
Seamstresses								1			1	2		4
Seed houses														
Shirt factories	1	3	5	2	3	5	2		2	2	1			26
Shoe and boot factories	12	16	27	17	10	2	6	1	4	3				98
Soap factories			2	1		1	1							5
Stamping mills				1	2					1				4
Tailoress	2	3	5	7	6	2	2		2	2	2	1	1	35
Tobacco factories	55	44	32	18	17	9	4	5	6			10	1	201
Toy factories		1	2	1	3		1		1					9
Type foundries			2	3	2	1			2					10
Upholstering														
Wire mills			2											2
Woolen mills														
Grand total	164	148	148	104	90	55	38	21	46	21	12	18	6	871

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KANSAS CITY.

Occupation.	Under 14	14	15	16	17	18	19	20	21-25	26-30	31-40	Over 40	Not given	Total
Awning and tent factories				1	1	1	1	2	2			1		9
Bagging factories														
Basket factories														
Book-binding	1	1	1	4	1	2	1		5	1	1			18
Brewery workers	3	2	3	5	2	1	1		2					19
Candy factories	2	4	2	3	1		1	1	1	1				16
Canning establishments														
Car companies														
Carpet sewers				1		2	1		2	2	3			11
Cash girls														
Chair factories														
Chemical establishments														
Chewing-gum factories														
Cigar-box factories			1	2			1							4
Cloak factories														
Clothing houses														
Coffee packing														
Coffin factories														
Cocoanut mills														
Corset factories														
Cotton mills														
Cracker factories	1	1	1	6	2	4	3				1			19
Dress-making		5	1	5		3	4	3	7	2		1	1	32
Drug companies					2									2
Dry-goods stores	16	3	7	5	10	4		6	8				2	61
Electric lamp companies														
Grocers' supplies		1	5	4	4	2	3	1	1					21
Hair-workers			1	1	1	1	2	1					1	8
Hardware manufacturing companies														
Hat and bonnet bleaching	1				1					1				3
Hat factories			1				1							2
Hemp factories														
Hosiery														
Jeans pants factories														
Ladies' underwear														
Laundries	1	1	2	2	2	1		1	4	5		1	2	22
Match factories														
Mattress factories						1		1	1					3
Millinery	2	1		2	3	1	2	2	9	2				24
Overall factories	3	1	1	3	4	2	4	1	7	1	4		1	32
Paint and lead companies		1		1			1							3
Paper-bag factories														
Paper-box factories	2	1	1	2	3		1		2	1			2	15
Paper-houses						1		1	1		1	1		5
Patent medicines														
Peanut assorters														
Pickle companies														
Pork packing	1	3	1		4	1				2	3	1		16
Printing establishments		1	1	2	4	2		1					1	12
Rag-pickers														
Saleswomen														
Seamstresses														
Seed houses				1					1					2
Shirt factories			1	4		4	1	1	2	2	3	1		19
Shoe and boot factories					1									1
Soap factories		2							1					3
Stamping mills														
Tailoress				1	1	2	2	1	3	5	4		1	20
Tobacco factories						1			1	1				3
Toy factories														
Type foundries					2									2
Upholstering					1	2		1	1	1				6
Wire mills														
Woolen mills														
Grand totals	33	28	30	55	50	38	30	24	61	27	20	6	11	413

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ST. JOSEPH.

Occupation.	Under 14	14	15	16	17	18	19	20	21-25	26-30	31-40	Over 40	Not given.	Totals
Awning and tent factories		1				1								2
Bagging factories														
Basket factories														
Book-binding					3	1	1							5
Brewery workers							1							
Candy factories	2	2	3	3		1								12
Canning establishments	2	1												3
Car companies														
Carpet sewers														
Cash girls														
Chair factories														
Chemical establishments														
Chewing-gum factories														
Cigar-box factories			1	1	1	1								4
Cloak factories														
Clothing houses	1	3	5	4	4	1			3	1		1		23
Coffee packing			1	2		2	1			1				7
Coffin factories														
Cocoanut mills														
Corset factories														
Cotton mills														
Cracker factories	1	1	4	4	2		2		1					15
Dress-making				1	1		1		1		1			5
Drug companies														
Dry-goods stores														
Electric lamp companies														
Grocer's supplies														
Hair-workers														
Hardware manufacturing companies	1				1				1					3
Hat and bonnet bleaching														
Hat factories														
Hemp factories														
Hosiery														
Jeans pants factories														
Ladies' underwear														
Laundries	3		1			2	1	1	1		1			10
Match factories														
Mattress factories														
Millinery			1	2	1		1		1					6
Overall factories			1	2		1			4	1	2			11
Paint and lead companies														
Paper-bag factories														
Paper-box factories		5	1	2	1		1							10
Paper-houses														
Patent medicines														
Peanut assorters														
Pickle companies														
Pork packing														
Printing establishments														
Rag-pickers														
Saleswomen	4	1		2	3	3	1	1	2		1			18
Seamstresses														
Seed houses														
Shirt factories					1				2	1				4
Shoe and boot factories	1	1	1	4	3		1							11
Soap factories														
Stamping mills														
Tailoress														
Tobacco factories														
Toy factories														
Type foundries														
Upholstering														
Wire mills														
Woolen mills	2	3	5	2	1	3	4		1	3	1			25
Grand totals	17	18	24	29	22	16	15	2	17	7	6	1		174

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Of 871 St. Louis working women:

164, or 18¾ per cent, began to work under 14 years of age.
312, or 35⅘ " " " 15 "
460, or 52⅘ " " " 16 "
564, or 64¾ " " " 17 "

Of 413 Kansas City working women:

33, or 8 per cent, began to work under 14 years of age.
61, or 14¾ " " " 15 "
91, or 22 " " " 16 "
146, or 35⅓ " " " 17 "

Of 174 St. Joseph working women:

17, or 9¾ per cent, began to work under 14 years of age.
35, or 20 " " " 15 "
59, or 34 " " " 16 "
88, or 50½ " " " 17 "

Of 871 St. Louis working women:

93, or 10⅔ per cent, began to work when 20 and more years of age.

Of 413 Kansas City working women:

149, or 36 per cent, began to work when 20 and more years of age.

Of 174 St. Joseph working women:

33, or 19 per cent, began to work when 20 and more years of age.

ST. LOUIS WORKING WOMEN.

HOME CONDITIONS.

The working women of St. Louis, like those of other cities, are, with few exceptions, self-respecting women, striving to make an honest living for themselves, as well as helping other members of the family.

Out of 871 working women interviewed in this city, 798 (91.6 per cent) were single, 51 (5.8 per cent) were widowed, and 22 (2½ per cent) married.

Six hundred and sixty-eight out of 871, or 76.6 per cent, help toward the support of their families; 813, or 93.3 per cent, live at home, and 677 (over 83 per cent) of those living at home help their folks. Most of the women give their wages to their parents, who clothe them and generally allow them a certain amount of spending money—from 5 cents to 35, 50, 75 cents and $1 per week, the amount varying according to the wages received and the necessities of the family. Others, instead of giving up their wages, help their folks by

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paying board, and many of those having no one dependent upon them pay a nominal board out of their earnings.

Of the 58 who do not live at home, 35 board and 23 rent rooms, doing their own cooking or getting their meals outside. Those who board with friends or married brothers and sisters, pay from $1.50 to $5 per week, or an average of $2.50. Those who board with strangers pay from $2 to $5, or an average of $2.90 per week. As a rule, those that receive small wages and board away from home are unable to pay their expenses, and either suffer for necessities or depend upon friends to help them.

The majority of St. Louis working women are of German parentage. (See table.)

Out of 201 women working in tobacco factories, only six live away from home, and of the 195 living at home, only 26 do not help toward the support of their families.

Between 2 and 3 per cent only of the 871 working women are the sole support of their families. There are usually several in a family big enough to work, or if not, the mother helps with washing and ironing, scrubbing or sewing.

The majority of St. Louis working women have attended school up to 13, 14 and 15 years of age, at which time the greater number begin to work. Only half a dozen or so, and those among the oldest women, are unable either to read or write.

The working women of St. Louis begin to work at a much earlier age than those of Kansas City or St. Joseph. (See table.)

Many parents among the working people, and these usually of foreign birth, send their children to work in factories as soon as the children are big enough to do anything at all. The total amount made by several children in one family is often the sole support of a large family, the father being out of employment, sick or too lazy to work. Among the latter class the step-fathers seem to predominate. To some factories hearty, able-bodied fathers come day after day several years in succession bringing their daughters' dinners. They are men who are able to work, but have gotten into the habit of doing nothing and depending upon their children's earnings.

About 5 per cent of the working women have at one time or another tried working in families, but have left domestic service for factory work, either because they had more freedom in the latter work or were needed at home.

Over one-fifth of the whole number of women interviewed have their lives insured, and most of them are insured by their parents, who pay the dues. The dues are usually 10, 25 and 50 cents per month for

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amounts ranging from $80 to $280. Those that have the least to live upon, and sometimes the largest families, are the ones among whom this life-insuring idea prevails to the greatest extent. The object they all have in view is to insure a sufficient amount at their decease to pay for their burial expenses. Among those that earn good wages, there are some who belong to societies, the dues for which range from one to several dollars per month, and the amounts for which they are insured are in proportion to the dues they pay. With the exception of insurance dues, very few working women save anything during the year. Most of those living at home with their parents and having no one dependent upon them, spend the greater part of their earnings on dress.

Factory girls, as a rule, are fond of amusements, and many of them save their spending money for matinees, dances and boat excursions. The tobacco factory girls spend the most for theaters and excursions, spending from 25 cents to $1 per month for Sunday matinees; while the bagging factory girls, many of whom are Germans, are fond of attending dances.

With few exceptions, the appearance of factory women in the streets when going to and from work, is always neat and comfortable. They are very careful to change their working for street clothes when leaving factory or home, and could not be identified on the streets as the girls seen working in the factories.

Many factory women have tried dress-making and millinery work before working in factories, but have been compelled to work in factories, as they could not afford to work for six months or more without receiving any pay. Many milliners and dress-makers really impose upon their apprentices, making them work without wages for a very much longer time than is necessary, and paying almost nothing when they begin to give wages.

The youngest as well as the oldest women are found working in the tobacco factories; the next youngest are the peanut assorters, the workers in shoe factories and cotton mills. The oldest women, after those in tobacco factories, are among the seamstresses, tailoresses and those working in clothing factories.

Among the tobacco factory workers visited, there were ten women over 40 years of age and fifty-five under 14. Most of the old women between 40 and 60 years of age found working in tobacco factories have gone there to work because from old age, rheumatism or other ailments they are unable to continue in their old employment of washing, scrubbing or ironing for a living, but can manage to earn something at the easier work of stripping tobacco.

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Many of the working women's homes are extremely poverty-stricken in appearance, while many others are very neat, comfortable homes with surroundings that are refined. Most of the working women's families live in tenenent houses in two, three and four or more rooms. A few there are who occupy houses of more than six rooms. Those that have an entire house usually occupy only part of the house and rent the remainder to tenants. One-ninth of the working women live in houses owned by their parents. Out of 608 families:

272,	or $44\frac{7}{10}$	per cent,	live in homes of	2 rooms, with usually a kitchen.
196,	$32\frac{1}{3}$	"	"	3 rooms.
60,	$9\frac{4}{5}$	"	"	4 rooms.
29,	$4\frac{7}{10}$	"	"	1 room.
26,	$4\frac{1}{5}$	"	"	6 rooms.
25,	$4\frac{1}{10}$	"	"	5 rooms.

23, or 79 per cent, of those living in one room are working women who do not live at home.

Average monthly rent paid by	working women's	families for	6 rooms,	$16 90
"	"	"	5 rooms,	13 14
"	"	"	4 rooms,	12 00
"	"	"	3 rooms,	9 00
"	"	"	2 rooms,	7 42
"	"	"	1 room,	4 39

CONDITIONS WHILE AT WORK.

St. Louis has shorter hours in some factories than Kansas City, but longer in others, so that the average is about the same. The factories employing women do not give so long noon rests as either Kansas City or St. Joe. Out of 44 factories, over 6 per cent have less than 30 minutes noon, 50 per cent give 30 minutes and over, more than 34 per cent allow their employes 45 minutes and over, and 9 per cent give 1 hour noon recess.

The St. Louis working women work for a longer time in one place—do not change about so much from one kind of work to another as in Kansas City. Those that have been working the longest are found among the seamstresses, the workers in the cotton mill, tent and awning and cloak factories, and paper warehouses; while those who have been working the shortest time are the workers in cocoanut, willow-ware and upholstering, stamping and chewing-gum factories.

Out of 746 women, 174 have been working for 1 year or less than a year; the greater number, 333, have been working from 2 to 5 years; 183 have worked from 5 to 10 years, and the smallest number have been working as long as 10 years and over.

The workers in the shoe and tobacco factories make the best wages. Seamstresses and those that work in some of the clothing

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factories make the poorest wages. In several of these clothing factories the women are required to pay for the thread they use, and either to supply their own machines or pay a certain amount per week for use of machine in factory.

Hundreds of seamstresses in this city—those that take home sewing from wholesale and retail clothiers and work for shops and "sweaters" (middle men)—work from dawn until past midnight, and yet cannot earn half enough to support themselves. These women would starve if it were not for the help they receive from charitable societies. Their poverty is not caused by want of industry on their part. The wages paid for this work is not sufficient to command a living, no matter how much energy may be put forth.

Employers of factory help are blamed not a little for having children of tender years in their employ. The employer is not so much to blame as the parents. The latter bring their children to the factories and beg that they be taken, pleading extreme poverty and often no other means of support; and some wish by putting their children to work to keep them off the streets, where they would spend all their time if not employed in the factories. The employers cannot always refuse, but knowing the danger of allowing the children to work about the machinery, some give the children nominal employment which will enable them to draw their pay of $1 or $1.50 per week. In one factory a tender-hearted foreman has several children pensioned at his own expense.

KANSAS CITY WORKING WOMEN.

HOME CONDITIONS.

The working women of Kansas City are, as a rule, self-respecting, industrious women.

Out of 413 women interviewed in Kansas City, 210, or 50.4 per cent, have some one dependent upon them for support; 348, or over 84 per cent of the whole number, live at home, and more than half of those living at home have some one dependent on them. Of 65 women who do not live at home, 45 board, while 20 rent rooms and do their own cooking or get meals outside. Most of those who board live with friends or relatives. Board ranges from $2 to $6 per week, or averages $3.65 per week. Nearly one-quarter of the women who do not live at home have some one dependent upon them. Some are widows or deserted wives, with children to support. Others are young women,

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strangers in the city, who have come here to seek work, thinking to better their condition, and have been compelled to take whatever they could get to do. The majority of working women in Kansas City are of American parentage.

Out of 413 women, 346, or 83.7 per cent are single; 33, or 7.1 per cent are married; 27, or 6½ per cent, are widowed, and 7, or 1.4 per cent only, are divorced or separated from their husbands.

The fathers of many of the women living at home are dead or too old or sickly to work, and most of the husbands of the married women are out of work or too ailing to do anything. Most of the fathers are mechanics.

The working women of Kansas City have attended school longer than those of St. Louis. The greater number have left school at 14 and 15 years of age, one-fourth at 16, one-fifth at 17 and 18, and a small proportion have attended school up to 19 years of age. With the majority, a number of years have elapsed from the time they left school until they began to work. This condition of affairs may be accounted for by the fact that many have been compelled to work only since the death of their fathers, or since sudden reverses in fortune have necessitated their earning a living.

Only 3 per cent out of 413 working women in Kansas City have invested in life insurance policies, and these, usually, for small amounts.

There are very few tenement houses in Kansas City. With a few exceptions the working people occupy small cottages, as in St. Joseph. Fourteen per cent of the whole number visited live in homes of their own. Some of the working women's families rent large houses, occupying a few rooms and renting out remainder of house to boarders or lodgers.

Out of 277 working women's families:

63,	or over	22	per cent,	occupy	homes of	4	rooms.
45,	"	16	"	"	"	6	"
38,	"	13	"	"	"	3	"
38,	"	13	"	"	"	7 or 8	rooms.
28,	"	10	"	"	"	2	"
26,	"	9	"	"	"	5	"
19,	"	6	"	"	"	from 9 to 20	rooms.
20	"	7	"	"	"	1	room.

(These last are mostly women who live away from their families.)

The average monthly rent for one unfurnished room is $3.82; for two rooms, $7.44; for three rooms, $9.80. A small four-room cottage, which seems to be preferred by the majority, demands a monthly rent of $11.16 on an average, while a five-room house costs $12.60 per month, and those of six rooms can be had for $15.55. Houses with from seven to ten rooms rent from $23.18 to $29.83 per month.

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CONDITIONS WHILE AT WORK.

In Kansas City, the working women change about a great deal from one kind of work to another.

The factories in this city give working women longer noon rests than those of St. Louis, though not so long as those of St. Joseph. One-third of the factories visited give one hour noon, one-third 45 minutes or more, and one-third 30 minutes or more. In a few factories, Kansas City has longer hours than either St. Louis or St. Joseph, but on an average not so many hours of labor as the St. Joseph factories. The longest hours are found among the workers in tobacco and shirt factories, the carpet sewers, tailoresses, cash and brewery girls. The shortest hours are in the candy and cracker factories. The oldest women are found working in the pork-packing houses, shirt and overall factories and among the carpet sewers, tailoresses and seamstresses.

As far as could be ascertained, the "sweating system" of employing sewing women does not exist in this city.

Not all the factories have every essential convenience for the comfort and self-respect of working women, and the conditions under which some of them work are very injurious to health. In the pork-packing houses the women employed in some parts of the work are subject to rheumatism caused by working in a place where the floor is continually flooded with water. The general atmosphere of these pork-packing houses, which are also slaughter-houses, seems unbearable to one not working there. In many factories, the nature of the work in itself is peculiarly unhealthful and disagreeable, and the atmosphere is such as the work makes it.

In Kansas City, most of the dry-goods stores have the same restrictions in regard to the employes sitting down during working hours as they have in St. Louis. The same system of fines also is enforced. Cash girls in Kansas City are younger than those in St. Louis, some being 10 and 11 years old; and most of them work only during school vacation.

Out of 391 working women:

25	have been	working	for 10 years and more.
64	"	"	from 5 to 10 years.
197	"	"	" 1 to 5 years.
105	"	"	for less than 1 year.

Of these 391 women, the dress-makers, milliners and carpet sewers have been working the longest, and the tent and awning workers, cash and brewery girls the shortest time.

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ST. JOSEPH WORKING WOMEN.

HOME CONDITIONS.

The home conditions of the working women of St. Joseph are above the average. Over 29½ per cent of those living at home live in houses owned by their parents, and, as a rule, the homes are all neat in appearance, even when poorly furnished, and many are more than comfortably furnished, with surroundings showing no little refinement and culture. With a few exceptions, the working people of St. Joseph occupy separate houses—cottages of two, three and four or more rooms. Out of 119 working women's families:

9,	or 7½	per cent,	occupy homes of 2 rooms,	average rent for which is	$5 80
33,	27 7/10	"	3 rooms,	"	8 90
27,	22 7/10	"	4 rooms,	"	10 70
26,	21 4/5	"	5 rooms,	"	11 20
12,	10	"	6 rooms,	"	18 16
12,	10	"	7 to 12 rooms,	"	$20 to 40 00

Out of 174 working women interviewed in St. Joseph, 116, or 66.6 per cent, have some one dependent upon them for support; 136, or over 78 per cent of the whole number, live at home with their parents, and less than half of those living at home have no one dependent upon them. They are working only that they may be independent, and have spending money of their own for clothing, amusements, etc.

Of the 38 women who do not live at home, 37 board and one lodges. Those who board comprise mostly women who are strangers in town, or whose parents live in the adjacent country. The rate of board paid by working women ranges from $2 to $6 per week, or averages $3. Many of them board with friends or relatives; 158 (91.4 per cent) of the 174 women are single; 7 (4 per cent) are married; 7 4.4 per cent) are widowed, and 2 (1.1 per cent only) are divorced.

The majority of working women in St. Joseph are of American parentage. (See table.)

The greater number have left school between the ages of 12 and 17, and a few at 18 and 19. They do not begin to work so early in life as the working women of St. Louis. (See table.) A little over one-quarter only out of 174 working women have been compelled to begin work immediately upon quitting school; with the remainder, from 1 to 20 years (and in one case 28 years) have elapsed from the time they left school until they began to work. The average time is from 1 to 3 years.

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The oldest women are found working in the clothing factories and laundries, the youngest in the canning, cracker, candy and cigar-box factories.

Milliners and saleswomen spend the most for clothing, while the workers in the canning, candy and cracker factories spend the least.

CONDITIONS WHILE AT WORK.

With the exception of a few places that are lacking in some of the necessary conveniences for the use of working women, the conditions while at work are rather better than those found in larger cities; though in factories where the work itself is of a particularly disagreeable or exhausting nature, and where the nature of the work necessitates a close atmosphere, the conditions are about the same as those found in larger cities.

Most of the factories in St. Joseph have longer hours than those in St. Louis or Kansas City. But the working women in St. Joe are given a longer rest at noon. Five-sixths of the places visited give an hour, more or less, for the noon rest. The longest hours are in the laundries, shirt factories and book-binderies; the shortest in the coffee mill and cigar-box factories.

The condition of the saleswomen in dry goods stores is better in St. Joe than in larger places, as, with the exception of a few particularly busy days each week, the women are not compelled to stand so continually as those in Kansas City and St. Louis, where the stores are always crowded with shoppers. Cash *boys* take the place of cash *girls* in St. Joseph.

Out of 163 women, 66 have worked for 1 year and less; 71 have been working from 2 to 5 years; 20 from 6 to 10 years, and only 6 have been working over 11 years. Those who have been working the longest time are the milliners, the workers in the men's clothing and paper-box factories and the coffee and woolen mills; while those who have been working the shortest time are found in the canning and cigar-box factories.

Of 871 St. Louis working women:

786, or 90 per cent, were born in the United States.
43, or 5 per cent, were born in Germany.
21, or 2⅓ per cent, were born in Ireland.
11, or 1¼ per cent, were born in England.
10, or 1⅛ per cent, were born in miscellaneous countries.

Of 786 St. Louis working women born in the United States:

154, or 19½ per cent, were of American parentage.
306, or 39 per cent, were of German parentage.
173, or 22 per cent, were of Irish parentage.
21, or 2⅔ per cent, were of English parentage.

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104, or 13$\frac{1}{5}$ per cent, were mixed.
28, or 3$\frac{1}{2}$ per cent, had parents from miscellaneous countries.

Of 413 Kansas City working women:

363, or 87$\frac{4}{5}$ per cent, were born in the United States.
14, or 3$\frac{1}{3}$ per cent, were born in Germany.
7, or 1$\frac{2}{3}$ per cent, were born in Ireland.
22, or 5$\frac{1}{3}$ per cent, were born in England.
6, or 1$\frac{1}{5}$ per cent, were born in miscellaneous countries.
1, nationality not given.

Of 363 Kansas City working women born in the United States:

193, or 53$\frac{1}{6}$ per cent, were of American parentage.
20, or 5$\frac{1}{2}$ per cent, were of German parentage.
65, or 18 per cent, were of Irish parentage.
10, or 2$\frac{3}{4}$ per cent, were of English parentage.
41, or 11$\frac{1}{4}$ per cent, were of mixed parentage.
1 had parents from miscellaneous countries.
33, parentage not given.

Of 174 St. Joseph working women:

159,	or 91$\frac{1}{3}$,	per cent	were born in the	United States.
9,	or 5$\frac{1}{6}$	"	"	Germany.
1,	or ——,	"	"	Ireland.
3,	or 1$\frac{2}{3}$	"	"	England.
2,	or 1$\frac{1}{7}$	"	"	miscellaneous countries.

Of 159 St. Joseph working women born in the United States:

87,	or 54$\frac{4}{5}$	per cent,	were of	American	parentage.
20,	or 12$\frac{1}{2}$	"	"	German	"
11,	or 7	"	"	Irish	"
5,	or 3$\frac{1}{5}$	"	"	English	"
22,	or 13$\frac{4}{5}$	"	"	mixed	"

1, had parents from miscellaneous countries.
13, parentage not given.

Of 1458 working women in St. Louis, Kansas City and St. Joseph:

1308,	or 90	per cent	were born	in the	United States.
66,	or 4$\frac{1}{2}$	"	"	"	Germany.
29,	or 2	"	"	"	Ireland.
36,	or 2$\frac{2}{5}$	"	"	"	England.
18,	or 1$\frac{1}{5}$	"	"	"	miscellaneous countries.

1, nationalty not given.

Of 1308 working women in St. Louis, Kansas City and St. Joseph born in the United States:

434,	or 33$\frac{1}{6}$	per cent,	were of	American	parentage.
346,	or 26$\frac{2}{5}$	"	"	German	"
249,	or 16	"	"	Irish	"
36,	or 2$\frac{3}{4}$	"	"	English	"
167,	or 12$\frac{3}{4}$	"	"	mixed	"
30,	or 2$\frac{1}{4}$	"	had parents from miscellaneous countries.		

46, parentage not given.

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INSTITUTIONS

FOR THE

BENEFIT OF WORKING WOMEN.

TRAINING SCHOOLS FOR NURSES.

St. Louis has three training schools for nurses, the oldest of which, the St. Louis Training School for Nurses, was organized in December, 1883.

The City hospital is the training school, but the home, known as the William G. Eliot Home for Nurses, is separate from the hospital. This home, situated at 1224 Dillon street, has been established for only two years. It is a modern built house of 30 rooms, supplied with every comfort and convenience, and furnished comfortably and tastefully—a beautiful home in every respect. The home was built by means of subscriptions collected through the efforts of William G. Eliot, and was furnished by different ladies, friends and managers of the home.

No board is charged pupils under training for nurses, but graduates are expected to pay $3 per month rent for room (two in a room), whether or not occupying room, and $4 per week extra for board when stopping at the home. Those employed in the hospital sleep in the home during the day or night, whatever time they are off duty. All who have been trained in this school make this place their home whether employed at hospital, waiting for work, or resting from work.

Taken from the report for 1890 of St. Louis Training School for Nurses, we have the following:

SUPERINTENDENT'S REPORT.

Since the inauguration of this school in December, 1883, five classes have been graduated, and 25 nurses have been prepared for fresh fields of labor. The school has charge of the nursing in fourteen divisions of the city hospital, including medical, surgical, obstetrical and contagious cases. August 1, 1890, the nursing in two large medical wards was given to the school, and it became necessary to appoint an assistant superintendent—Miss E. D. Craig most efficiently fills the position.; 4,681 patients have been nursed during the year. The school has charge

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of night nursing in five different divisions, averaging 180 patients for three night nurses. Miss Ada F. Eaton has charge of night service, and is faithful and attentive to duty.

There have been in the school, at different periods during the year, 28 nurses.

There are 24 nurses at the Wm. G. Eliot Home, including graduates and pupil nurses.

We desire the public should know that a nurse receives neither badge nor diploma unless she satisfactorily completes her two years' course of training. We also urgently request that in any case of doubt the nurse be asked to show her badge. In this way only can all possibility of misrepresentation be avoided. Several annoying cases have occurred of women discharged from our school for unseemly conduct or inefficient work, who have given employers to understand that they were our nurses.

Graduates have responded many times to appeals for service from indigent persons, and have given many weeks of gratuitous care, where skilled nursing was indispensable to save life. It is but just that something should be known of their private work.

The work of the year has been large and may be pleasantly reviewed as having been very satisfactory.

The nurses have been faithful and efficient, and deserve commendation for their patient and self-sacrificing labors.

Two new wards, lately added to the city hospital, have been assigned to the school. They are exceedingly well arranged and have been a benefaction to nurses and patients. Pressing as our needs are for more nurses, we feel that our standard must not be lowered and that a diploma from our school must stand as a synonym for good character, for faithful work and for proper attainments. Mrs. Geo. S. Drake kindly gave the means by which the nurses were enabled to take a course of cooking lessons this past year, a valuable adjunct to their course. The diet-kitchen which we have at the hospital is daily used in preparing special dishes for very ill patients.

PAPER SENT TO APPLICANTS.

A two years' course of training will be given to women desirous of becoming professional nurses in the St. Louis City Hospital.

Applicants for admission should be preferably from twenty-five to thirty-five years of age, of medium size and height.

Each applicant should send with the answers to the printed blank, which will always be sent her, a letter from a clergyman testifying to her good moral character, and from a physician stating that she is in sound health.

Application for entrance to the school should be made either to Mrs. Wm. L. Huse, 3033 Pine street, or to Miss Warr, superintendent of the school.

Upon approval, they will be received into the school for two months on probation, during which time they will be boarded and lodged at the expense of the school, but will receive no other compensation unless accepted as pupils, when they must sign an agreement to submit to the rules of the school and of the hospital for a period of two years from date of their entrance into the school.

Applicants are received at any time during the year when there are vacancies.

During the time of probation the young woman will be examined in reading, writing, simple arithmetic and English diction. The examination is to test her ability to read aloud well, to write legibly and spell correctly, to take notes of

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lectures, to keep simple accounts. This amount of education is indispensable. The superintendent has full power to decide as to the fitness of the applicant, and the desirability of retaining or dismissing her. She can also, with the approval of the Executive committee, discharge pupil-nurses at any time for violation of the rules of the school or hospital, for evidences of moral or physical unfitness for their work, or any other reason which she deems sufficient.

A monthly allowance of ten dollars ($10) for the first year and twelve dollars ($12) for the second year will be made each pupil. This sum is allowed for dress, text-books and other personal expenses of the nurses, and is in nowise intended for wages, it being considered that the instruction given is a full equivalent for their services. Board and washing will be furnished without charge, and in illness all pupils will have gratuitous medical attendance.

The nurses are required, after two months of probation, to wear, when on duty, the dress prescribed by the school, which is of blue and white gingham, simply made, white apron and cap. The applicant should come provided with dresses of washable material, simply and neatly made, for use in the hospital. All clothing must be distinctly marked with the owner's name.

The day nurses are on duty from 6 a. m. to 7 p. m., and when practicable, some time during each day will be given for exercise in the open air. They are allowed a day off duty once a month, and half of each Sunday. A vacation of two weeks is allowed in each year.

It is not proposed to place nurses on night duty until they have been in the school for three months.

There will be an examination of the pupils by the Board of Examiners in the presence of the Instruction committee and of the superintendent and surgeon in charge of the hospital, which, being creditably passed, will entitle the pupils of two years' standing to the diploma and badge of the training school.

PROTESTANT HOSPITAL TRAINING SCHOOL FOR NURSES.

This hospital training school for nurses was opened in October, 1890. Eighteen months' course of training is required in this hospital. The nurses under training live in the hospital. They are allowed $8 per month during the first year and $10 per month the remainder of the course, with board and washing.

Since the school was organized, 11 women have entered for training. Out of this number, three have been dismissed as incompetent, and one has left at the end of the month of probation. There are six in training who have been in the school one year, and one trained nurse.

Following are the rules and regulations for the pupils and nurses of this hospital:

RULES FOR NURSES.

1. Nurses must be prompt going on and off duty at meals.

2. Nurses are to be in the open air off of the hospital grounds not less than 15 minutes each day, unless excused by the Superintendent.

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3. Night nurses are not to be in the wards or patients' rooms after 7 : 30 a. m., nor day nurses after 7 : 30 p. m.

4. Nurses are not to be out after dark without permission from the Superintendent.

5. All nurses not on duty must retire and all lights extinguished by 9:30 p.m.

6. No loud laughing or talking is to be indulged in, either in wards, rooms or halls.

7. Nurses are not to be allowed in the kitchen or laundry, except by order or permission from the Superintendent.

8. Nurses are not to receive visitors in the wards nor in the patients' rooms, nor are they to leave their place of duty to receive visitors without permission.

9. Nurses must not allow any kind of food or drink to be brought into the wards or rooms by visitors.

10. Any bottles found in the possession of patients are to be brought at once to the Superintendent, with the name of patient.

11. When a patient is dismissed, the bed-card must be brought to the Superintendent.

12. The temperature of each patient, pulse and respiration, must be taken within an half hour after arrival.

13. Nurses must report immediately to the Superintendent any food sent to patients in an improper condition.

14. Day nurses are to leave poultice-pans, puss-pans, basins, bed-pans and all utensils in a neat and orderly condition for the night nurse, and night nurses shall leave them the same for day nurses; when not so left, the failure shall at once be reported to the Superintendent.

15. Nurses must report at once to the Superintendent any unfavorable change or extreme suffering in their patient.

16. Nurses are prohibited from borrowing or loaning supplies or utensils from ward to ward without permission from the Superintendent.

17. Nurses are to bring all worn-out and ragged clothing or bedding to the Superintendent to be replaced; also, all clothing needing remarking.

18. Nurses are to see that mattresses and pillows do not become soiled or stained, protecting them always when necessary by rubber sheeting.

19. Nurses are allowed 25 pieces in the wash each week and one white skirt every two weeks. This does not, however, permit elaborately trimmed clothing of any kind. Everything put in the wash must be marked distinctly with the owner's name.

20. Nurses sent to outside cases must not leave a case without communicating by letter or messenger with the Superintendent.

21. While on duty in private houses, nurses must observe the regulations of the school with regard to dress.

22. A nurse must never, under any circumstances, speak to a patient or any one else with reference to the disease or ailment of another, nor relate to a patient sad or exciting experiences with other patients, nor discuss with the patients or any one else the treatment or methods of physicians. All violations of this rule will result in immediate dismissal.

23. A nurse is always to bring back with her, when returning from outside nursing, or have sent by mail to the Superintendent, a certificate of conduct and efficiency from the family of the patient, or from the medical attendant.

24. Nurses must hold sacred the knowledge which they obtain of the private affairs of the individual or household which they attend.

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25. Nurses must obey implicitly orders of the physician in attendance, without note or comment.

Following are copies of blanks to be filled out respectively by the superintendent of training school, employer of nurse and the nurse herself:

THE ST. LOUIS PROTESTANT ASSOCIATION, DEPARTMENT OF NURSING,
ST. LOUIS, ————, 189—.

To ————.

I send the bearer, ————, one of our hospital nurses on the recommendation of ———— to nurse in the case of ————.

————, Supt.

REGULATIONS.

The charge for the service of a nurse is $2 per day. Traveling expenses and washing to be paid by the family employing the nurse.

The nurse is to be allowed reasonable time for rest in every 24 hours; when her services are needed for several consecutive nights, at least six hours in the day out of the sick room must be given her.

Except in cases of extreme illness, the nurse must be allowed opportunity to attend church once each Sunday.

When on duty, the nurse is always to wear the dress prescribed for her by the regulations of the school.

It is expected that suitable refreshments in the way of food be furnished for nurses who are on duty at night.

When it is possible, a few days' notice of the nurse's return to the hospital should be sent to the Superintendent.

When the nurse's services are no longer required, the following sheet of paper is to be returned, sealed, with a candid statement of her conduct and efficiency, either from one of the family or the medical attendant, together with information of the amount to be paid, which should be enclosed whenever possible, or if not enclosed, it should be stated when the amount will be sent to the hospital, and by whom :

————, 189—.

————, Superintendent, 1011 N. 18th street, St. Louis, Mo.

There being no further need for the services of the nurse, ————, in the case of ————, she is this day allowed to return to the hospital. The remuneration for her attendance, $———, is herewith enclosed.

Signed ————.

Remarks as to conduct, efficiency, etc :

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APPLICATION FOR ADMISSION.

ST. LOUIS, ...

I hereby apply for admission to the St. Louis Protestant Hospital Training School for Nurses. I pledge myself to remain in the said school as a pupil for the full course of eighteen months, and promise and agree to observe the conditions, rules and regulations of said school which may now be in force or which may be established during my term of service. I send with this application certificates from..... ..... of .....,
and..... of .....,
as to my character and ability, and a certificate from Dr. .....
of ....., as to my physical condition.

Name .....

Residence address .....

ST. LUKE'S TRAINING SCHOOL FOR NURSES.

Organized in September, 1889, is situated on Nineteenth and Washington avenue. The hospital is both home and training school for women under training for nurses or employed in hospital after finishing the course of two years' training. At present there are fifteen nurses in the hospital, two of whom have received certificates. The Superintendent, Mary J. Chambers, was educated at St. Bartholomew's hostital, England.

When the training school was first opened, there were more applicants than could be received, as many as 200 applying for admission. Following is circular regarding this training school:

ST. LUKE'S HOSPITAL TRAINING SCHOOL FOR NURSES.

Has made arrangements for giving two years' training to women desirous of becoming professional nurses.

Those wishing to obtain this course of instruction must apply to the Superintendent of the hospital, upon whose approval they will be received into the school for one month on probation. The acceptable age for candidates is from 21 to 31 years. The applicant should send with answers to the paper of questions, a letter from a clergyman, testifying to her good moral character, and from a physician, stating that she is in sound health. Applicants are received at any time during the year when there is a vacancy. During the month of trial and previous to obtaining a position in the school, the applicant must be prepared for an examination in reading, penmanship, simple arithmetic and English diction. The examination is to test the applicant's ability to read aloud well, to write legibly and accurately, to keep simple accounts, and to take notes of lectures. This amount of education is indispensable for a member of the school, but applicants are reminded that women of superior education and cultivation, when equally qualified as nurses, will be preferred to those who do not possess these advantages.

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Those who prove satisfactory will be accepted as pupil nurses, after signing the following agreement:

I, the undersigned, hereby agree to remain two years from date, a pupil of the above-named institution; and promise, during that time, to faithfully obey the rules of the school and hospital, and to be subordinate to the authorities governing the same.

During the first year, board, lodging, laundry, out and in-door uniform will be supplied, but no money compensation; during the second year pupil nurses will receive the same privileges and $5 a month. This sum is allowed for text-books and other personal expenses of the nurse, and is in nowise intended as wages, it being considered that the education given is a full equivalent for their services. They are required, after the month of probation, when on duty, to wear the dress prescribed by the institution, which is of blue and white gingham, simply made, white apron and cap and linen collar.

The day nurses are on duty from 7:30 a. m. to 8 p. m., with reasonable time allowed for dinner, exercise and rest. A vacation of two weeks is given each year. They are often given an afternoon during week, and are required to attend the place of worship they prefer once on Sunday.

COURSE OF TRAINING.

The instruction includes:

1. The dressing of blisters, burns, sores and wounds; the application of fomentations, poultices, cups and leeches.
2. The administration of enemas, and use of catheter.
3. The management of appliances for uterine complaints.
4. The best method of friction to the body and extremities.
5. The management of helpless patients; making beds; moving, changing, giving baths in bed; and preventing and dressing bed-sores.
6. Bandaging, making bandages and rollers, lining of splints.
7. The preparing, cooking and serving of delicacies for the sick.

They will also be given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner; and are taught to take care of rooms and wards; to keep all utensils perfectly clean and disinfected; to make accurate observations and reports to the physician of the state of the secretions, expectoration, pulse, skin, appetite, temperature of the body, intelligence—as delirium or stupor—breathing, sleep, condition of wounds, eruptions, formation of matter, effect of diet, or of stimulants, or of medicines; and to learn the management of convalescents.

The teaching will be given by visiting physicians and surgeons at the bedside of the patients, and by the superintendent and head nurses. Lectures, recitations and demonstrations will take place from time to time, and examinations at stated periods.

When the full term of two years is ended, the nurses thus trained can choose their own field of labor, whether in hospitals, in private families, or in district nursing among the poor. On leaving the school they will, after passing the final examination, each receive a diploma signed by the president of the hospital, examining board and superintendent of the hospital.

N. B.—Answers to the following questions are to be filled out in the candidate's own handwriting and sent to the Superintendent of St. Luke's Hospital, St. Louis, Mo.

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QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Name in full and present address of candidate. .....
.....

2. Are you a single woman or widow? .....

3. What has been your occupation? .....

4. Age last birthday, and date and place of birth? .....
.....

5. Height?..... Weight?.....

6. Where educated? .....
.....

7. Are you strong and healthy? and have you always been so? .....

8. Are your sight and hearing perfect? .....

9. Have you any physical defects? .....

10. Have you any tendency to pulmonary complaints?..... Uterine?.....

11. If a widow, have you children? How many? Their ages? How are they provided for? .....
.....

12. Where (if any) was your last situation? How long were you in it? .....
.....

13. The names in full and addresses of two persons to be referred to State how long each has known you. If previously employed, one of these must be the last employer. .....
..... has known me years.
.....
..... has known me years.

14. Have you read and do you clearly understand the regulations? .....

I declare the above statement to be correct.

Date .....

Signed.....

Candidate.

ETHICAL CULTURE SCHOOLS AND CLUBS.

Schools in domestic economy, under the supervision of the Ethical Culture society, have been organized in this city for about three years. The schools, at present, use the rooms of the Self-culture clubs, 1532 Franklin Ave., and 2004½ S. Broadway.

The two classes, at either end of the city, have each about 80 children. The exercises are held in the forenoon and afternoon of Saturday in order not to interfere with the work of the children in the public schools. Owing to the small size of the rooms, the attendance has been limited to 30 and 40 in the forenoon and the same number in the afternoon, and further applicants are refused.

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These schools were organized on the principle that the rudiments of self-culture in early life begin in learning to manage a home. The classes are for girls from 9 to 15 years of age. They are designed to give the elements of instruction on all the various branches in the life of a household. The instruction includes such work as sewing, cooking, making fires, sweeping, table-setting, bed-making, cleaning, washing, ironing, etc.

The main object is to elevate the view of the young with reference to the spirit they are to feel in doing this kind of work, so that it may not be looked upon as drudgery, but rather as possessing the same, or even greater dignity and worth than other business occupations. They propose to indicate to the girls that the elements of poetry, beauty and charm can be added to the home-life, even with very limited means, or on a basis of the very strictest economy.

These schools have received the cordial support of many people in the city. Ladies from churches of various denominations have all worked for them. The schools were started under the auspices of the Ethical Culture society. This only implied, however, that the Ethical Culture society would keep up the undertaking; that the work should be strictly non-sectarian.

Parents of these children are mostly laborers, a few are clerks. Not the least important work of this society are the Self Culture clubs for both young men and young women; also free library.

Many factory girls who have never before had opportunities for intellectual culture nor intellectual enjoyment have been greatly benefited both morally and mentally by belonging to these clubs.

THE LUCY E. TILLY WORKING GIRLS' CLUB.

A memorial club organized in March, 1891, comprises between 40 and 50 members, consisting exclusively of girls from Liggett and Meyers' tobacco factory. This club is designed to be self-supporting and self-governing. The aim of the club is to elevate and refine the character of the working girls. The club-rooms at 1322 Washington avenue consist of three rooms, two of which are double parlors furnished neatly, supplied with a piano and a small library of books and stationery, all for the use of the members. Twenty-five cents per month is charged for membership.

On Tuesday evenings instructions are given in dress-making. The remaining evenings for club nights are devoted to topical talks, familiar

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book talks, talks on physical culture and entertainments of some kind. Sunday afternoon is for Good Seed class.

Below is given "obligation of members:"

ADVANTAGES TO MEMBERS.

Free use of prettily furnished rooms, piano, books and magazines.

Access to classes in dress-making, physical culture, modern literature and fancy work, lectures, talks and entertainments.

OBLIGATIONS OF MEMBERS.

Members must be over 14 years of age. They shall pay an initiation fee of twenty-five cents, and monthly dues of twenty-five cents. The initiation fee will cover monthly dues for month of joining. Except in cases of absence from the city or sickness, members' names shall be dropped from the list if dues are owing for more than three months. Any member who fails to pay her dues before or on the fifteenth of the month shall be fined five cents, unless she can show just cause why she has not paid before.

Average attendance for different nights in month of March:

Book talks	average of	9	per night
Dress-making	"	16	"
Physical culture	"	15	"

Average attendance for different nights in the month of April:

Book talks	average of	8	per night
Dress-making	"	16	"
Physical culture	"	17	"

THE WOMEN'S CHRISTIAN ALLIANCE,

Organized during the past year, and known at first as the "Woman's Friendly Alliance," is a co-operative organization whose object is the elevation, development, protection and improvement of business and working women, in their religious, intellectual, social, domestic and industrial interests.

The central club-rooms of this association are at 2626 Washington Ave., where any business woman or working girl, in fact any self-supporting woman, may find a pleasant place in which to spend her evenings, sure of safe and congenial companionship, plenty of good reading matter and facilities for writing letters, or an opportunity to receive her lady friends by appointment. Besides which, there are organized classes in various branches of business education and in the elementary branches of common education, at hours to suit the members. Lec-

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tures or practical talks on topics of common interest, with occasional instructive and amusing entertainments, are given at 8 p. m. every Thursday.

Anyone may become a member of the Alliance by payment of 25 cents per month, which will entitle her to all the privileges of the club-rooms and the classes. The only branch club room as yet established is one at 1433 N. 10th St. But the advantages of the central club-rooms will be extended by the opening of other branch rooms, as they may be needed or desired in different quarters of the city.

In connection with the central club-rooms has been established a home where any respectable, self-supporting woman may find at low rates, board and lodging in healthy, prettily-furnished rooms, with bathing and laundry privileges. This home is very pleasantly situated; contains 10 rooms only, 6 of which are bed-rooms. Board is $4.00 per week for single room, or for two and three in a double room. The house can accommodate 11 boarders only.

Occupations of boarders now in the house:

Short-hand students	3
In sewing machine office	3
Dress-makers	2
Professional nurse	1
Unemployed and seeking positions	3
Total	12

The instruction nights are Monday, Tuesday and Saturday. Those giving the instructions are all volunteer teachers who work gratuitously. Instruction in music given by the matron, Mrs. Blair. Piano in the club-room is rented.

Number of club members, 165. Those taking advantage of instruction in English branches and dress-making are mostly German domestics. Those belonging to branch club are mostly factory and shop girls, the location, 10th and Cass avenue, being more convenient to their homes than are the central rooms.

Average attendance for instruction in dress-making	14
" " " music	15
" " " penmanship	8
" " " book-keeping	15
" " " short-hand	20

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Following is copy of circulars distributed among the working girls in the business and manufacturing places of the city:

"IN UNION THERE IS STRENGTH."

To Business and Working Girls and Self-supporting Women:

St. Louis is far behind many other cities in the matter of co-operative organizations among self-supporting girls and women for mutual advancement, protection and culture. In New York, Boston and elsewhere, under the names of "Working Girls' clubs," "Working Girls' homes," "Mutual Aid societies," etc., numbers of such institutions are in successful operation, greatly to the benefit of all concerned.

MUTUAL AID—NOT CHARITY.

These homes and clubs are not planned on any basis of charity, but on one of mutual aid and co-operation—the aim being to help each self-supporting woman to secure larger comforts, more pleasure, and wider opportunities from her own earnings and exertions than she can possibly do otherwise. When several hundred or several thousand working girls unite, they can accomplish for themselves objects which would be entirely beyond their reach as individuals. By co-operation with one another they can secure better homes, better food and better opportunities for education and enjoyment.

As the first step toward such a co-operative movement among the self-supporting women of St. Louis, we have formed

THE WOMEN'S CHRISTIAN ALLIANCE.

Its object is the elevation, development, protection and improvement of business and working women, in their religious, intellectual, social, domestic and industrial interests.

CLUB-ROOMS.

We have opened, at 2626 Washington Ave., club-rooms, where business and working girls and all self-supporting women—becoming members by the payment of twenty-five cents per month—may always find a pleasant place in which to spend their evenings, with good books and with safe and congenial companionship. Here members of the club may meet their friends by appointment, or write their letters, using the club stationery—always at their disposal—or may have the use of the well-appointed bath-room.

FRIENDLY AID.

Here, also, when in trouble or sadness, the members may find Christian women in whom they can safely confide, and who are glad to occupy a mother's or a sister's place, and by hearty sympathy and by loving counsel to throw light on the darkened pathway or give comfort to the aching heart.

We also aid in finding work for the unemployed.

Any member having a vacation given her, and wishing a pleasant resting-place out of the city, may have it arranged for her by applying to us.

THURSDAY EVENINGS.

The services of a skillful lady physician can be had at the club-rooms on the first and the third Thursday of every month.

On Thursday evenings, at 8 p. m., we have lectures or practical talks of common interest, with occasional instructive and amusing entertainments.

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CLASSES—FREE TO MEMBERS.

In connection with the Central club-rooms, 2626 Washington avenue, we have organized the following classes, which are conducted at such hours as suit the members:

Dress-making, music, stenography, penmanship, plain sewing, type-writing, book-keeping, English branches.

No introduction is needed, therefore no one should fear to come alone.

Office of Central Club at 2626 Washington avenue.

CO-OPERATIVE HOME.

Also, at 2626 Washington avenue, we have opened a clean, healthful, cheerful home, where by means of co-operation—not charity—board is secured at low rates by self-supporting girls and women. We hope that this is the first of many of its kind destined to be established in different parts of our city.

The advantages afforded by the Central club and by that on 10th and Cass avenue will be extended to other quarters of the city, by the opening of rooms elsewhere, as they may be needed and desired.

YOUR ADVICE WANTED.

As anything that concerns working women concerns us, we desire that the members will, without hesitation, offer such suggestions, or give such advice, as their practical experience may show to be necessary. Who can so well know a working girl's need as a working girl?

Women who are so situated as to have no need of the advantages offered by the club will greatly assist those in charge of this work, by aiding in any way the carrying out of our plans, or by suggesting additional ones for the perfecting of the organization and for the benefit of those less fortunate than themselves.

GIRLS' FRIENDLY SOCIETY FOR AMERICA.

The Girls' Friendly Society is an association of women banded together for the protection and encouragement of purity among girls and young women. It does not attempt the work of reclaiming the fallen. It strives to uphold the special virtues of modesty, purity and self-respect, and links members and associates together in mutual help, sympathy and prayer.

The G. F. S. was first started in England in the year 1875, and in America in 1886. It is now said to be the largest society for women and girls in the world. In England it numbers 150,000 associates and members, without reckoning 9,000 in Ireland and a large number in Scotland. It exists in all the colonies, and is increasing steadily in this country, as it is becoming more known. The work is for an important class in the community—the future women, mothers it may be, of the working class in the land; and it is for an important object—their purity, their helpfulness, their moral excellence.

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The girls to be sought out are:

1. Members of our own church.

2. Strangers coming from other places.

3. Girls who belong to no religious body, who go to no place of worship on Sundays.

The Friendly societies desire to enlist members at the beginning of their girlish life, at the period which determines in some measure what their future shall be; that the effect of being associated with others of good reputation and desirous to keep it, may brace them in the resolution to strive after a pure and modest life, may encourage them to stand firm against the frequent opportunities and strong temptations to an opposite course.

G. F. S. A.—MOTTO: "*Bear ye one another's burdens.*"

OBJECTS.

1. To bind together in one society church women as associates and girls and young women as members, for mutual help (religious and secular), for sympathy and prayer.

2. To encourage purity of life, dutifulness to parents, faithfulness to employers, and thrift.

3. To provide the privileges of society for its members, wherever they may be, by giving them an introduction from one branch to another.

CENTRAL RULES.

1. Associates to be communicants of the church (no such restriction being made as to members), and the organization of the society to follow as much as possible that of the church, being diocesan and parochial.

2. Associates and members to contribute annually to the funds—the former at the rate of not less than 5 cents a month, and the latter at not less than 1 cent a month.

3. No girl who has not borne a virtuous character to be admitted as a member; such character being lost, the member to forfeit her card.

The Girls' Friendly Society has not as yet much of a foot-hold in St. Louis. Only one religious denomination in this city, the Episcopalian, has become interested in this society.

Sister Eliza of Christ church parish started the work with the Central branch, which numbers 35 members.

The Southern branch connected with the mission work of St. Stephen's parish numbers 18 members; and the Northern branch connected with All Saints' church consists of colored girls numbering about 30 members. Total number of members in St. Louis, 83.

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ST. LOUIS WORKING GIRLS' FREE LIBRARY.

1510 LAFAYETTE AVE.

Following is part of report for 1890 given by Mrs. Lucy A. Wiggin, founder of the St. Louis Working Girls' Evening School, Library, etc.:

INTRODUCTION.

The object of this institution is to benefit girls employed in factories and elsewhere. Those whose opportunities are fewest and whose lot in life is hardest are specially welcomed.

Our aim is chiefly educational. A free evening school is open seven months in the year. Permanent library privileges are afforded. Books are issued on Sundays to suit the convenience of the girls. Wholesome amusement is furnished constantly.

A Friendly Aid is in operation which relieves distresses, provides employment, furnishes concerts, lectures, excursions, stereopticon entertainments, etc. Sympathy and advice are given in all cases of sickness and misfortune.

No thought of charity enters into our relation with the girls. From the first we have maintained, for the school, the dignity and independence of a public school. The relation of teacher and pupil in our school is closer than is practicable in the city schools. The work, the home affairs, the family are all matters of interest to us, and if it is possible to assist the girls in any way it is done, much as older sisters consider the well-being of younger members of the same household.

The school began November 9, 1886, the school board having granted my request for one room in the Clinton school on Grattan street, for the purpose of opening a free evening school for girls employed in factories during the day—all expenses of service, lighting and heating, as well as damage to furniture, being assumed by the teacher.

The girls of one factory were invited, and twelve responded the first night. During the session forty were enrolled.

The second and third year our sessions were held in the Carroll school, where we had many advantages; light, heat and service were furnished by the school board. This school is situated near the homes of many of the girls. Each following term showed an increased attendance, sixty the second year, ninety the third, with more than one hundred the last, though the attendance was not so large.

The fourth session opened in our new library rooms at 1510 Lafayette avenue, where we are now located.

THE SCHOOL.

The methods adopted in the evening school are simple, attractive and as helpful as possible. This is as it should be, for our pupils are fatigued to the last degree by the severe strain made upon them in their work. It requires courage and great resolution to enable one to go to an evening school after working hard all day, and it should be pleasant and as profitable as it can be made for them, otherwise they will not attend.

Our program is arranged with special reference to this fact. Restful music and lecture occupy the first hour at each meeting Monday, Wednesday and Friday nights. The singing is specially interesting. All the girls enjoy it, and most of

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them sing well. The piano has been a great source of pleasure. The singing, as indeed every exercise, serves as a means of inculcating the lofty sentiments of patriotism, love, truth, duty, etc. Such branches are introduced as will best fit our pupils for useful lives in years to come.

On Monday nights lectures on physiology and hygiene are given; health, food, dress, etc., are discussed. An effort is made to acquaint the class with the all-pervasive laws which condition their lives of rest, sleep, exercise, cleanliness, ventilation, etc.

To girls whose education was cut short just as it had fairly begun, this is important. The fast flying years are hurrying them on to the responsibilities of womanhood. But little home-life is possible, and almost no home instruction. The mother herself is over-worked, and has not had many advantages. The home is usually in a crowded tenement. We undertake to supply the deficit of home instruction, and "unto the least of these" give our love and service.

The common branches are also taught. The reading lessons are found in our text-book on physiology. Three results are attained in one lesson in composition: neat writing, perfect spelling and the ability to form a correct English sentence. Lessons are also given in the use of numbers as applied to United States money.

Wednesday evening history is taught in connection with the geography lessons. Maps, globes and charts are used to give definite ideas of people and places. These exercises are in the form of lectures, and may be reproduced in composition. The second hour of this evening is also given to the study and practice of the common branches.

Friday night is important. The lecture of the evening is on deportment and moral responsibility, or practical talks on household questions, alternating with biographies of eminent and useful women, whose lives offer noble examples. In the moral conduct lesson we endeavor to awaken a strong feeling for justice, truth, honesty, generosity, courage, patience, perseverance, mercy, reverence and goodness.

THE GIRLS' GOOD WILL CLUB.

The girls of our school have organized themselves into a society to help themselves and each other. They will stand for the right at all times, and defend the weak; will do all the good they can; will never pass by a case of distress without trying to relieve it; cases of destitution will be reported to the manager. They will encourage proper speech; will refrain from using slang and profane language; will be faithful in their work, whatever it is. During their vacation, from the first of May to the first of October, the club will provide entertainments, excursions, etc. Many of the teachers are members of this club. The conditions of membership of the club consist in a willingness to conform to the spirit of its laws, and pay the small dues of twenty-five cents per annum.

Mrs. Wiggin is assisted in her work by ladies, who, like herself, give their services gratuitously.

It is the earnest wish of the manager of this school to build a suitable building convenient to the homes of these working girls, dedicated to the work set forth in the above report. For this purpose a small nucleus has already been obtained.

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ST. LOUIS WORKING GIRLS' FREE LIBRARY.

Following is copy of circulars distributed among the factory girls of the city:

IMPORTANT TO WORKING GIRLS.

A free evening school is now open Monday, Wednesday and Friday nights, from 7 to 9 o'clock, at the rooms of the St. Louis Working Girls' Free Library, 1510 Lafayette avenue.

Instruction is made pleasant and helpful, and suitable to the needs of girls of any age, who have left school early to go to work.

MONDAY: Lecture on how to keep well, care for the sick, etc., followed by a short lesson in geography and United States history.

WEDNESDAY: Reading, arithmetic, spelling, writing and composition in letter writing.

FRIDAY: A friendly talk by the Manager; a lesson in sewing, darning, mending, cutting garments, and trimming hats and bonnets.

Singing with piano music each night. A full concert the last Friday in each month is given.

Members may attend any special night, but regular attendance is desired.

Parents are requested to encourage their daughters' attendance. The library is open to all, every Sunday afternoon.

ST. LOUIS WOMEN'S CHRISTIAN ASSOCIATION.

Following is part of the constitution:

We, the undersigned women of St. Louis, actuated by motives of Christian philanthrophy, associate ourselves together on the broad platform of one in Christ, for purposes of practical love and humanity; and for the furtherance of this object do adopt the following constitution:

ARTICLE I.

This association shall be called the St. Louis Women's Christian Association, and by that name shall have succession for fifty years.

ARTICLE II.

The object of this association shall be to provide for the physical, intellectual, social, moral and religious wants of industrial women of St. Louis. For the attainment of this object it proposes to establish a "Christian Home;" to maintain the home for aged men, and aged women and their wives, called the "Memorial Home;" also, the organizations known as the "Women's Training School and Day Nursery," and to provide by-laws for the separate special management of each of said organizations now in existence, and such as may hereafter be created.

Also, part of the by-laws:

SECTION 1. Any woman who may be accepted as a proper person by the association, or by any one of its auxiliary organizations, working under its authority,

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may become a member of this association by the payment of the sum of two dollars ($2) to the treasurer of the association, or to the treasurer of any of the auxiliary organizations.

A life membership, exempt from annual dues, may be constituted by the payment of twenty-five dollars ($25) at any one time to the association, or any one of its auxiliary organizations.

Honorary members may be elected by a vote of the association at a regular meeting, and shall be exempt from payment of admission fees or dues.

SEC. 2. The dues shall be two dollars ($2) per annum after the payment of the admission fee. For a failure to pay the yearly dues within each year the Executive committee may declare a membership forfeited, after notifying the member in default.

THE WOMEN'S CHRISTIAN HOME,

Situated at 1814 Washington avenue, is the oldest institution of the St. Louis Women's Christian association. This home was opened 22 years ago with a few boarders in a building, on Fifth and Spruce streets. For the last 15 years it has been in its present location; a building of 50 bed-rooms, with library or reading room and double parlors, all for the use of the boarders. The building is heated with steam and each floor has bath-rooms, etc., with hot and cold water. Can accommodate 100 boarders. Number of employes, including superintendent, house-keepers and domestics, 13.

The Women's Christian Home is designed as a boarding place for the self-supporting woman, where she can feel that she has the sheltering care and protection of a home and is not entirely alone in a world of unsympathizing strangers. It is not a home for charity boarders, as so many have erroneously supposed, and yet women who are temporarily in need of assistance do receive the necessary aid required, and none but the Superintendent know of the help given them.

The charges for board are $1 and $1.25 per day for transients, and for permanents, $3.25, $3.50, $4, $4.50 and $5 per week; $5 per week is for single rooms, which are few in number. The remaining rates are for rooms with two, three and four occupants each; $3.25 is considered cost price.

For the year 1890,

There were	5	boarders	paying	$5.00	per	week.	
" "	2	"	"	$4.50	"	"	
" "	23	"	"	$4.00	"	"	
" "	25	"	"	$3.50	"	"	
" "	12	"	"	$3.25	"	"	
" "	5	"	"	$3.00	"	"	
Total..	72	"	"				

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Besides 10 persons who were given board gratuitously. Total number boarders, 82.

At present time, June, 1891, there is no one dependent upon the charity fund.

In this home all are working women depending upon their own exertions for a living, therefore there is that feeling of fellowship and sympathy with the neighbor without which life's hardships are so much less endurable.

All occupations except those of the factory girl are represented in this home. The earnings of the boarder are from $1.00 to $3.00 per day.

OCCUPATION OF BOARDERS.

Short-hand students	9	Dress-makers	4
Seamstresses	5	School teachers	5
Type-writers	5	Art students	5
Professional nurses	2	Milliners	6
Kindergarten teachers	3	Saleswomen	5
Commercial students	2	Book-keepers	2
Corset agent	1	Music teachers	2
Telegraph operator	1	Book agent	1
Carpet sewer	1	Music student	1
Office girl	1	Invalids	6
Stenographers	12	Total	82
Printers	3		

The boarders might be divided into four classes:

1. Those who earn good salaries and who could, for the highest rates charged in this home, obtain in a private family care of bedroom, less crowded sleeping accommodations and less bell-ringing, but who prefer to remain in this place, because it is more convenient to their place of business, and on account of the greater degree of home freedom, and the feeling of fellowship with the neighbor that is possible in a home like this.

2. Those whose salaries or expenses will not warrant their paying more than $3.50 per week.

3. Those who can pay only a part of the cost price—their meager earnings forbidding; and it is for this class that the charity fund is called upon, and a sum sufficient to make the amount is advanced to them on the books. This is sometimes repaid, but not always, the recipient seldom being able to do more than meet her current expenses.

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4. Those who have suddenly been left orphans without any way of making a livelihood. Such girls are given a home gratuitously while fitting themselves to earn a living.

Advanced during the year 1890 to those paying less than cost price, $325.

The home is self-supporting except for the extra expense entailed by the charity fund and the necessary wear and tear of building and furniture.

The accommodations of the building are not adequate to the number of working women applying for board. During the last six months the total number of boarders accommodated was 284, the majority of whom were transients. On account of the limited accommodations, many during the year have been refused board.

Following are rules for standing committee; also Treasurer's report for 1890:

RULES FOR STANDING COMMITTEES.

THE ADMISSION COMMITTEE

Will receive all applications for board. Written testimonials of character will be required in all cases where it is possible to obtain them; the same to be filed at the Home. This committee will dismiss from the Home any boarder who does not conform to the regulations of the same, or who may be exerting an injurious influence in the Home.

THE HOME COMMITTEE

Will have a general supervision over the comfort and well-being of the household; advise and co-operate with the Matron in all matters pertaining to house-keeping. They will have care of all movable property of the Home and provide for the preservation of the same.

THE SUPPLY COMMITTEE

Will purchase all that is needed in the culinary department, except marketing, and furnish a statement of the same at each monthly meeting. Each bill will be indorsed by the party contracting the same.

THE VISITING COMMITTEE

Will endeavor to acquaint themselves with young girls who may need the protection of our Home, and to invite them thereto, and in all ways possible seek to cheer, counsel and elevate those under our care.

THE RELIGIOUS COMMITTEE.

A member of this will be expected to be present at family worship at least once in each week, accompanied by some clergyman designated by this committee, who shall assist or have charge of the devotions of the hour. This committee will seek a personal acquaintance with the inmates of the family, and exercise Christian guardianship over all. They will also devise plans by which the moral and religious influence in the Association may be increased.

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THE LIBRARY COMMITTEE

Shall collect and have the supervision of all books donated or otherwise secured to the Home library; see that all books suitable to be retained are numbered, and a perfect account kept with all boarders taking and returning the same. It shall also extend its usefulness by providing instructive lectures, organizing classes and procuring gratuitous teachers in such branches as may be desired by the boarders and deemed expedient by this committee or the Executive Board. In all ways that may be helpful intellectually to the aforesaid boarders, they shall give their careful and earnest attention and aid.

PROTECTIVE COMMITTEE.

It shall be the duty of the Protective Committee to afford all necessary aid to industrial women; securing to and protecting them in their legal right, whether affecting their persons or property.

RULES REGULATING THE DINING-ROOM.

Breakfast served every day except Sunday from 7 to 8 o'clock.

Breakfast on Sunday, 8 to 9 o'clock.

Lunch every day, 12:30 to 1 o'clock.

Dinner every day, 6:30 to 7 o'clock.

Dining-room closed at other hours.

Eatables must not be carried from the dining-room.

Cases of illness should be reported to the Superintendent, who will give prompt and careful attention.

REGULATIONS.

1. Applications for admission to the Home may be made to the Superintendent, and by her referred to the Admission committee, who will be in attendance at the Home every Wednesday from 10 a. m. to 12 m. Satisfactory testimonials required.

2. Room and board per week from $3.50 to $5, according to room. Fire in rooms extra. Use of room per week and meals on the Sabbath, 70 per cent on price of board paid.

3. Extra charge of 25 cents for meals sent to rooms. Promptness at meals required, especially on the Sabbath. Parties wishing to entertain friends, etc., will notify the Superintendent, for which there will be extra charge. No extra charge when boarder is too ill to go down to her meals.

4. All transient boarders must pay their board in advance, the Superintendent or book-keeper being authorized to receive the same.

5. Each occupant is expected to keep her room neat and orderly, and to bring water for her toilet. Nothing but water to be put in the slop jars. Nothing to be thrown from the windows. All rubbish to be placed in a box, which will be furnished for each hall. Any boarder who desires her room to be taken care of must give notice to Superintendent. Charge, $1.00 per week additional.

6. House closed at 10:30 p. m. Gas extinguished a quarter before 11 o'clock, excepting on Sunday, when the hours are 10 p. m. for closing and 10:15 gas extinguished. Visiting in rooms not allowed after ringing of gas bell. Boarders, on leaving their rooms, even though for a short time, are required to turn down the gas, and no matches on any account are to be scratched upon the wall.

7. Occupants of rooms, upon leaving them, are desired to lock the doors and hang the keys upon key-board.

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8. Boarders are not allowed to visit the laundry or kitchen.

9. Loud talking and boisterous laughing in dining-room and halls strictly forbidden.

10. No boarder allowed to advertise from the home, except by permission of the Superintendent.

11. Family worship every evening immediately after supper, at which all are expected to be present.

LAUNDRY.

Plain garments	50 cts. per dozen.
Plain dresses and overskirt	10 cts. each.
With one ruffle	12½ cts. each.
Skirts tucked and ruffled	10 cts. each.
All 50c articles less than 1 dozen	5 cts. each.

Every article sent to the laundry must be distinctly marked, and a bill of the same put upon the bundle. No clothes received in the laundry after Tuesday evening. No clothes to be washed in the room.

Treasurer's report for 1890 gives receipts for board as	$13,195 70
Other receipts	632 85
Total receipts	13,828 55
Total expenses	13,828 46
Cash on hand	9

WORKING WOMEN'S HOME AND TRAINING SCHOOL.

The Women's Training School was organized by the Women's Christian Association in the year 1882, since which time has been added the Working Women's Home.

Since September, 1888, the building known as the St. Nicholas hotel, situated on Fourth, between Morgan street and Franklin avenue, has been occupied as the Working Women's Home and Training School.

The Training school has for its object the education of girls and women as bread-winners in all branches that have a tendency to assist women to be self-supporting. The Training school begins at the foundation and fits a girl to hold her own in whatever branch of work she may engage.

Girls for training in general housework who are preparing for domestic service, do laundry, chamber and dining-room work, and take lessons two and three times a week, in cooking and dress-making. Girls remaining under this instruction until they are qualified for domestic service, will receive certificates from the committee and

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assistance in securing situations. While under instruction, they can, if desired, board and lodge in the home free of charge.

Servant girls out of employment are provided with board and lodging at 30 cents per day, and for all who come well recommended, the committee undertake to secure situations, $1 charge for same being required of employer only.

The instruction given in the Training school comprises short-hand, type-writing, cooking, dress-making and book-keeping, to which list has lately been added instruction in music, both instrumental and vocal.

The library of this training school is for the use of any working woman in the city. It now contains 800 volumes, 200 of which were added this year. The number of members enrolled is 225; number of books taken out during the year, 3,823.

The lunch-room for industrial women is the most flourishing department of the school. During the past year were served 81,297 lunches, at an average of 11 cents each. These lunches are furnished according to schedule—at from 5 to 15 cents—good, substantial, appetizing food, consisting of milk, tea, coffee, bread and butter, crackers and hot soup, hot meats and vegetables, salads, pies and puddings.

Following is bill of fare for one day:

Soup and crackers (a la Flamande)	5c
Bread and butter	2c
Boiled beef	5c
Roast mutton	5c
Potatoes	3c
Spinach	3c
Succotash	3c
Nelly's pudding	5c
Apple charlotte	5c
Tea, coffee or milk	5c

The girls who serve these lunches are short-hand and type-writing pupils who, in this way, manage to pay for their tuition. Most of these pupils live at home. Those who board at the school have their noon meal, which is given them free of charge, deducted from their board bill, which makes the average board $2.50 per week.

CHARGES FOR INSTRUCTION.

Course of 24 lessons in cutting and fitting and dress-making	$12 00	
Course of 12 lessons in plain sewing	1 00	
		$13 00
First course in cooking, 12 lessons	5 00	
(Single lessons 50 cents.) Material extra	3 00	
		8 00
Second course in cooking, 12 lessons	5 00	
(Single lessons 50 cents.) Material extra	4 00	
		9 00

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CHARGES FOR INSTRUCTION—Continued.

Third course in cooking, 12 lessons	10 00	
(Single lessons $1.) Material extra	5 00	
		15 00
Cook's course, 12 lessons (Single lessons 50 cents.)	5 00	
		5 00
Invalid course in cooking, 6 lessons (Single lessons 50 cents)	2 50	
Special course in cooking, 6 lessons (Single lessons $2.)	10 00	

Special rates to cooks in families and parties wishing to learn for self-maintenance.

Charge for instruction in short-hand and type-writing: Waiting on table at the noon lunches.

Charge for instruction in music: Vocal and piano, 25 cents per lesson.

Charge for instruction in book-keeping, $1 for 12 lessons.

Number of pupils during the year in the book-keeping department, 4. This branch of instruction has been added only lately.

Number of pupils during the year in the stenograph department, 32—nearly all of whom found positions as soon as they were able to fill them.

Number of pupils during the year in dress-making department, 50; in plain sewing department, 5; total, 55.

Number of pupils during the year in cooking department (of whom 33 were cooks from families), 90.

Number of pupils during the year in the music department, 12. This branch of instruction has also been added only lately.

Number of pupils during the year in the English branches. 0.

Number of regular boarders during the year 1890	134	
Number received from depot since September, 1890	25	
Number assisted without compensation	15	
Number provided with temporary lodgings	103	
Total number of boarders for year 1890	....	277
Number provided with situations during the year	....	181
Number in the house at the present time	....	12

During the spring season the house is filled with transients—milliners from different parts of the State who are in the city for a short time only, to do their spring buying. Any working woman of good character can obtain board in this Working Women's Home for from $3 to $4.50 per week—$2.10 per week for servant girls. The home contains over 30 rooms, which are furnished very plain but comfortably. Most of the sleeping apartments are so situated that they have only a small amount of daylight and no sunshine at all, which condition of

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affairs makes the rooms exceedingly gloomy and dungeon-like in appearance and quite unhealthful for the occupants.

The school and home are kept up by donations of various kinds, subscriptions, money received for instruction, etc., etc.; also by entertainments and excursions given by the lady managers, teachers and others interested in the work.

RULES GOVERNING THE HOUSE.

The house shall be closed promptly at 10 p. m. Gas extinguished promptly at 10:30. In case of emergency, causing the girls to be out later, special permission must be obtained from the office clerk. Any violations of rules shall be reported at once to the Board.

Application for admission may be made to the office clerk, subject to the approval of the Admission committee.

Room and board per week from $3 to $4.50, according to room. Use of room per week and meals on Sabbath, 70 per cent on prices of board. Extra charge of 25 cents for meals sent to rooms.

Promptness at meals required, specially on the Sabath.

All transient boarders must pay their board in advance, office clerk being authorized to receive the same.

Occupants are expected to keep their rooms neat and orderly, and to bring water for their bath. Nothing but water to be put in the slop-jars. Nothing to be thrown from the windowe. All rubbish to be placed in a box which will be furnished for each hall.

Boarders desiring their rooms cared for must notify the office clerk; charge, $1 per week extra.

Occupants of rooms are requested, on leaving them, to lock the door and hang the key on the key-board.

Loud and boisterous talking and behavior in any part of the house, strictly forbidden.

Loitering with company in vestibule or on stairway, strictly forbidden.

Boarders and inmates of house are not allowed to visit dress-making department, kitchen or laundry, unless employed by either of said departments.

By order of the Board.

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HOME OF THE FRIENDLESS.

Situated on the line of the South St. Louis Electric railway, midway between its Sixth street terminus and Carondelet, is the institution known as the Old Ladies' Home.

This home was designed to provide a home-like refuge for old ladies who have once enjoyed the comforts of independence and been deprived by misfortune of their means of subsistence.

The home was started in 1853, by Mrs. Charles, with a nucleus of $500; to which was added $20,000 in response to her appeal to the ladies of St. Louis. The home opened with 5 inmates, which number increased to 10 by the end of the first year. At present there are 65 old ladies in the home.

The building has been enlarged from time to time, until now there are 65 bed-rooms for the inmates, besides other necessary rooms required by such an establishment. The home is fitted up with comfort and taste and supplied with every modern convenience. The buildings are in the midst of well-kept grounds of several acres in extent, beautified with flowers and trees, while fruits and vegetables for the inmates are cultivated on the grounds.

Conditions for admission to the home are: That the person must be 50 or 60 years of age, of good character, and give $100 to the home. But among the inmates are many who upon entering have given the home from $500 to $10,000. Each room has but one occupant, and is furnished by the inmate, her friends or the home.

The old ladies are surrounded with every necessary comfort, and when sick receive all the attention and tender care that can be provided by loving kindness. Many old ladies of education and refinement, who have formerly occupied enviable positions in the social world, have through misfortune been compelled to seek a refuge in this home.

Of the 65 inmates, about 15 are women who have never been married; 4 of the 10 women with which the home opened are still living; 14 old ladies were admitted during the past year. The majority of those in the home have no children and are alone in the world. About 20 of the inmates are invalids who are unable to go down to their meals.

The home is supported by annual subscriptions, donations, legacies, proceeds from festivals, entertainments, etc.

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ST. ANN'S WIDOWS' HOME.

Under the same roof with St. Ann's Lying-in hospital and Foundling asylum, situated at Tenth and O'Fallon streets, is a home for aged widows who have no homes elsewhere. It is non-sectarian in its work. Those who have any means at all give what they possess to the home, but those who are destitute are also received as inmates.

Number of deaths during the year, 4.
Number admitted during the year, 4.
Number now in the house, 27.

The present home has accommodations for only 27.

HOME FOR THE AGED (LITTLE SISTERS OF THE POOR).

Home for the Aged, situated on Hebert and Twenty-second streets, was established by the Little Sisters of the Poor in 1869. The house occupied by the Little Sisters and their charges is an immense brick building with some out-buildings, owned by the Sisters. There are accommodations for 268 inmates, the present number in the home. Of these, 144 are men and 124 women. To be eligible for admittance to the home, the women must either be 60 years of age and homeless, or if under that age, unusually helpless. The home is unsectarian in its work, though it happens that most of the inmates are Irish Catholics. The ages of the women range from 50 to 100 years.

During the year there were 34 deaths, 15 of which were women. The number admitted during the year depends upon the number of vacancies produced by deaths. During the year 34 new inmates were received into the home, 15 of whom were women.

The home is supported mostly by daily collections in food, money, etc., made by the Sisters in person.

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BLIND GIRLS' HOME.

The Blind Girls' home, now located at 1828 Wash street, was organized in the year 1878 by a few blind girls, the Blind Girls' Industrial band. These girls were about to finish their eight years' time allowed them by law in the State Blind institution, and were impressed with the necessity for providing themselves with a home after leaving the institution. They accordingly gave a series of entertainments and concerts, the proceeds of which, together with those from the sale of crochet, tatting, knitting, etc., and the help given them by church ladies and others, enabled them to realize a sufficient amount with which to organize their Home.

The Home was opened with four girls from the asylum, which number was soon increased by the addition of three other blind women from different parts of the State. After the Home had been in existence for two years, it was taken in charge by the ladies of the Christian association, under whose supervision the Home has since remained.

There are at present eleven inmates in the Home, three of whom clothe themselves by selling crochet and tatting made by themselves. Two of the blind women in the Home can cut and fit and sew on machines. These two make their own clothing and that of some others in the Home.

The house contains ten rooms, five of which are sleeping apartments occupied each by two or three women. The house is furnished plainly but comfortably. Inmates seem cheerful and contented.

INDUSTRIAL AND EDUCATIONAL UNION.

General Office and Temporary Home, 1517 Olive street.

This institution was opened during the first week in September 1891. Its object is the elevation, protection, development and improvement of wage-workers and their surroundings, by concerted and co-operative efforts.

For $1 per year, wage-workers may become members of this Union and avail themselves of its many advantages. These advantages comprise the educational classes, use of reading-room and library, weekly lectures and concerts, employment bureau, gymnasium, etc. In addi-

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tion to these, legal proceedings will be furnished for a small fee or free to members in trouble; a directory of suitable boarding places, etc, and suitable arrangements made in summer for those desiring a short rest in the country at small expense.

A limited number of young women or girls who are working for small wages, or are seeking employment, can secure lodgings at 1517 Olive St., at from 75 cents to $1 per week, with use of laundry, also of kitchen with its gas stoves and cooking utensils. Also, working girls who desire to come from their work direct to classes or lectures can have use of gas stoves, etc., to make a warm meal for themselves.

The Matron of the home will always be ready to give counsel and guidance to those wanting same.

LIST OF CLASSES FOR WOMEN AND GIRLS.

These classes are free to members of the Union.

Dress-making,
Plain sewing, mending, button-holes, etc.,
Millinery,
Cooking,
Type-writing,
Stenography,
Bible study,
Book-keeping,
Writing and composition,
Arithmetic,
Geography,
Grammar,
Spelling,
Calisthenics—gymnastics.
Singing (by note).

Each class exercise is preceded by 15 minutes of practice in singing.

Classes will be organized in other parts of the city according to demand.

Classes for men and boys will also be organized elsewhere; location and studies according to demand.

KING'S DAUGHTERS' HOME FOR WORKING WOMEN.

At 1307 Washington avenue, a comfortable and refined home for working women has been provided by ten of the "King's Daughters." This home is designed for those working women who are in straightened circumstances and whose earnings are small. At present the home consists of only 8 rooms, 5 of which are bed-rooms. The entire house has been furnished more than comfortably at the expense of these ten "King's Daughters." The pictures, decorations of various kinds, plants, ornaments, etc., with which all the rooms are supplied, give an air of refinement and culture such as is seldom seen in the usual working woman's home, the refining influence of which can not but produce a soothing and refining effect upon the tired and heart-sick working woman.

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The two pleasant home-like sitting rooms, which will hereafter serve also for class-rooms, are for the use of the girls of the home, together with the library of well-chosen books donated to the home by friends. Each room is occupied by two or three women, who are allowed to do light housekeeping, using gasoline or oil stove for cooking purposes. The room rent for each woman is $2.50 per month, and fuel for heating the rooms is supplied without extra charge.

The women are required to put their rooms in order before leaving in the morning, and so thoroughly do they perform this duty that there are no indications of light housekeeping being done in the rooms. The home opened on the 14th of February, 1891, with 6 women, which number has since been increased to 11.

Occupations of women now in the house:

Professional nurse	1
Overall factory	2
Candy factory	2
Student in short-hand	1
Stenographer	1
Dry-goods clerk	1
Milliner	1
Seamstress	2
Total	11

Evening classes for working women will hereafter be a feature of this home.

BOARDING AND LODGING HOME FOR WORKING WOMEN

A boarding and lodging home for working women whose earnings are below the average, was started during the last week in July, by Mrs. Moise, of this city.

The rates for board charged in the working women's homes of St. Louis are usually above what is earned by many working women, and this home is designed by Mrs. Moise to reach such as these—those whose earnings do not exceed $12 and $15 per month.

The women can board or lodge, whichever they prefer, and they will be charged according to their earnings; $2.50 per week will be the highest charged for board and lodging, and $2.50 per month the highest for a room without board, with two and three in a room.

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A house of ten rooms at 3242 Olive street has been rented and put in charge of a Matron. Two rooms have been furnished with donations and are occupied by three working women, two of whom sew in a factory and one works in a book-bindery.

A library and reading-room for use of the working women, with the privilege of attending evening sewing and educational classes, will be features of this home.

It is not expected that the home will be self-sustaining. Liberal subscriptions, together with donations for furnishing the house, will be depended upon to make the home a success at its inception.

CHRIST CHURCH UNION HOUSE,

A temporary house for working women, at 1531 Washington avenue, is in charge of "Sister Eliza," of the Episcopalian Sisterhood.

Charge for board is $2 per week. Number of boarders in the house at one time, 6. Total number in the house during the year, 35. The women who board here represent all occupations—book-keepers, factory girls, etc.

If a woman has no money, no charge is made for board. The house contains nine rooms, one of which is used as school-room. The rooms are poorly furnished.

The rent of the house has been met by generous contributions from church women of the city.

Receipts for the year 1890 were $681.36. Disbursements the same.

NIGHT REFUGE FOR WOMEN AND PROTECTION FOR SERVANT GIRLS.

On 22d and Morgan streets the Sisters of St. Joseph's Convent of Mercy provide a temporary home for women and children. This home comprises three classes:

1. The Night Refuge, which supplies a supper, night's lodging and breakfast, all free of charge, to any honest woman in need of the same. Any woman who is known to be disreputable is not received here, but is sent to the Good Shepherd. Strangers in the city obtain knowledge of this place through inquiring of the police and others who may hap-

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pen to know of this refuge, also by means of a printed notice in the waiting room of the Union depot.

2. House of Mercy, where women out of employment are provided with a home until they can obtain something to do. These women work for their board. This second class also includes children whose parents are temporarily unable to provide them with homes. Parents who are destitute pay nothing for the home and care given their children, and others pay what little they can afford. These children are kept here until their parents are able to pay for their board or reclaim them. At present there are 30 children in this department.

3. Servants' Protection. Board $2.50 per week for servants out of employment, but able to pay for their board. In connection with this department is an employment agency for servant girls.

Following is a statistical report for the year 1890:

Admitted to Female Night Refuge	3,255
Remained in Refuge in day-time	591
Servants provided with situations	969
Total	4,815

IMMACULATE CONCEPTION HOME

Situated on Eighth and Marion Sts., is a Catholic institution organized four years ago. Is non-sectarian in its work. Here, women out of employment and women who desire to take a rest may find a home and shelter, and be helped to secure employment. It is also a house of mercy, where women may leave their children temporarily until they can find a better place for them.

Those who are not able to pay for their board can work for it, doing no more than they are able, while those who have any means are expected to pay what they can afford. Board is from $3 to $5 per week. Women who seek a shelter here during the year are occupied variously as stenographers, dress-makers, servants, etc.

Number of women in the Home during the year, 30.
Number obtaining employment during year, 25.
Number now in the Home, 5.

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THE FRANCISCAN SISTERS' HOME.

Similar in character to the Immaculate Conception Home is the home for unemployed women at 1234 North Fourteenth street, adjoining Pius Hospital.

There are accommodations in this place for only twenty-five women, but as they are coming and going, the total number of working women finding a home here during the year numbers from 253 to 289. All classes of working women are represented among the boarders—stenographers, book-keepers, shop girls, factory women and servants.

Those who are not able to pay any board are allowed to remain free of charge, helping with the work around the house; others pay according to what they can afford, ranging from $2.00 and $3.50 to $5.00 per week.

HOME FOR UNEMPLOYED GIRLS.

At 1234 North Fourteenth street is another home for unemployed women, a Catholic institution, but non-sectarian in its work.

Those who board here pay according to what they can afford—from $2.00 to $3.50 per week—and those who are not able to pay any board help with the work about the house.

The occupations of the women who avail themselves of this home are various, consisting of stenographers, office clerks, saleswomen, factory women and servant girls. The number of women who make this their home during the year ranges from 250 to 289, but they are coming and going. Never more than twenty-five can be accommodated in the home at one time.

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TRAVELERS' AID DEPARTMENT.

Depot work was inaugurated in the fall of 1890 by the Women's Christian Association. The public has long felt the necessity of placing at the Union depot a woman to look after and help inexperienced girls and women continually arriving at that station, perfectly ignorant of the temptations of a large city, and who, without money or friends, start out to seek their fortunes. At the station, in the street, even on the train, people are waiting to lure them from virtuous lives.

A woman of the requisite qualifications has been employed and stationed at the Union depot, and assigned given duties as the representative of the Travelers' Aid department. It is the duty of this agent to approach all women who seem strangers (especially young ones), talk to them, direct them, and even to go with them herself and so be sure they are under proper care. To those who come without money or friends the doors of the Women's Christian Home, Training School, Girls' Industrial Home and White Cross Home have kindly opened, and the stranger is sent to the one best adapted to her condition and needs.

Actuated by a humane spirit and armed with Christian love, this agent has been of great service to many persons who needed the presence, counsel and influence of woman. A little assistance and counsel have gladdened many a sad heat, and cheered them on their way. Letters have been written to chief officers of the different roads asking them if they would allow the Association the privilege of putting circulars into the hands of conductors for distribution on their trains. These letters were answered, and with the exception of two roads, permission given.

In the northwest corner of the waiting room in the Union depot a space for the agent of the Travelers' Aid department has been courteously diagramed by Dr. Taussig. The officials and employes at the depot have one and all kindly tried to aid the Matron in her work.

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THE MATRON AT THE FOUR COURTS.

Mrs. Harris, Matron at the Four Courts, has charge of the women and children brought here by the police. For the last eight years only has there been a Police Matron. The idea in having a Matron was to give her charge of the women, that she might search their persons—this work having formerly been performed by men.

Mrs. Harris had been here but a short time, however, when she discovered that there was a large field to work in. Up to last September she had to attend to all the cases that Mrs. Frazier, Depot Matron, now disposes of; besides which were other duties. At 8:30 every morning she visits the women prisoners and sees that they are washed and combed and decently dressed before they make their appearance in the court-room. If she has reason to believe that a woman is sincere in her desire to reform, she uses her influence with the judge to allow the woman to be sent to some institution or home that is especially adapted for her particular needs. She also disposes of the children of drunken mothers, and sometimes of the mothers themselves.

All the children brought here by the police are disposed of by advice of the Matron, who sends them to homes and asylums and holds some for adoption. In fact, she investigates the needs of all under her charge, doing for them everything that can be done to reform them and help them to better lives and conditions.

So great has been the change for the better effected since a Matron has been in charge at the Four Courts, that properly speaking, the cases that came here before Mrs. Harris had charge of women are here no more; there has been a gradual reformation.

In the last two years—

2 women	have been	sent to the	White Cross Home.
7	"	"	Institutional Mission Home.
8	"	"	Good Shepherd.
7 girls	"	".	Girls' Industrial Home.

The number of women and children sent to other asylums and homes could not be ascertained.

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WOMAN'S EXCHANGE.

The Woman's Exchange of St. Louis was established in 1884. The object of this institution is to provide a depot for the reception and exchange of any marketable article that any woman may make in her home and desire to dispose of. The Woman's Exchange is an agency through which those who sell may find those who buy. The sales-room at 617 Locust street is the depot in which to exhibit, dispose of and create a demand for women's work, both artistic and industrial.

During the first year of its existence, no commission was charged on sales, only an entrance fee being required. But what has been proved the better plan of charging commission, 10 per cent on all sales, has been established for the last two years.

During the eight years of its existence, the returns to those who have sought the benefit of the Woman's Exchange have amounted to over $75,000. During the year 1891 $3,632.35 have been received for goods sold through this exchange, for which $358.68 commission was charged, leaving for the consignors $3,273.67.

Number of consignors for year 1890	218
Number of consignors for year 1891	106
Present number	324

Connected with the exchange is a restaurant and lunch room, which, besides bringing in a revenue, serves as a medium for disposing of and advertising the various contributions to the culinary department. The proceeds from this restaurant for the year 1891 amounted to $11,868.71, which sum represents meals to the number of 75,000 partaken of principally by industrial women.

The library for the use of industrial women, free of charge, has issued from October, 1890, to May, 1891, 4,223 books. Through the Employment bureau, where women seeking work of a domestic nature may apply, there have been secured situations for 108 women. The applicants for employment during the year 1891 numbered 209.

Following are rules governing the Exchange:

RULES.

1. The annual subscription is $5, and the year is counted from April 1st to April 1st. This entitles each subscriber to five tickets, upon which to enter the work of five persons for one year. Additional tickets may be issued to any active member of the Exchange by application to the President.

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This rule does not apply to subscribers to the building fund.

2. No one established in business can become a beneficiary of this Exchange, and all questions as to the eligibility of applicants must be referred to the Store committee.

3. All work must be entered upon a subscriber's ticket, and cannot be placed on sale until examined and approved by the Store committee.

4. Each consignor's ticket will be numbered, which number shall represent her name upon the books of the Exchange, and must be given in all business letters.

5. Each article sent for sale or as sample of order work must be marked with the consignor's number, the date of entry and the price desired. In order to promote sales, it is recommended that prices should not be above the market value.

6. On and after April 1, 1889, ten per cent will be charged on all sales made and on price paid for order work.

7. Articles deposited can not be removed under thirty days, except in the culinary department. After articles have been on sale six months, the depositors will be notified of unsold articles, which must then be removed immediately at the owner's expense. No article can be re-entered.

8. All such articles remaining at the end of one year from time of entry will be sold for the benefit of the Exchange.

9. No perishable articles, such as wax, feathers, hair and card-board work will be received. No worsted goods, except when ordered, will be received between May 1 and October 1. No preserved fruit received before September 1 or after April 1.

10. Having taken all reasonable precaution against fire, moth and theft, the Exchange does not hold itself responsible for any losses.

11. All transportation charges and all risks for same must be assumed by consignors. No article will be registered until these charges have been paid.

12. Orders for work and edibles are especially desired. They will be given to those best qualified to execute them, and such consignors will be required to hold themselves in readiness to respond promptly, unless inability has been previously agreed upon.

13. All applications to place on sale articles of personal property, which ladies are compelled by necessity to dispose of, must be referred to the Board of Managers, and are then received under the same rules as govern other consignments,

14. All letters must be addressed to the Woman's Exchange, 617 Locust street St. Louis, Mo., with stamp enclosed for reply.

15. The members of the Store committee, to whom all questions of consignments are referred, and by whom all work is examined, will be found at the Exchange every Wednesday and Saturday from 10 a. m. to 12 m.

16. The Exchange is open to consignors from 8 a. m. to 5 p. m., and work may be left any day subject to the foregoing rules.

FREE EMPLOYMENT BUREAU.

All applicants for situations or employment of any kind are registered free of all charge; but in order to maintain a high standard in this department, all applicants must present to the Committee on Employment satisfactory references from last employer, or from some one known to the Board of Managers.

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THE ST. LOUIS PROVIDENT ASSOCIATION.

This association was organized in 1860, and incorporated in 1863. The design of the association is the elevation of the moral and physical condition of the indigent, and so far as it is compatible with the design, the relief of their necessities.

This association is kept up principally by regular collections made by a thorough canvass of the different districts of the city.

The depot for the district north of Market street is situated on 18th and Madison streets; for the district south of Market street, the depot is 1901 South 12th street.

For the year 1890, out of 1,398 families assisted by this association, 938 were women and heads of families; 679 of these women were wash-women and 162 needle-women. The reasons why aid was required were various: on account of small children, inability to get work, amount paid for work not sufficient to live on, sickness, misfortune, desertion and old age.

SOCIAL CONDITION.

Widows	697
Husbands away	117
Wives deserted	124

AVERAGE AGES OF HEADS OF FAMILIES.

Women under 20 years of age	1
" from 20 to 30 "	144
" " 30 to 40 "	283
" " 40 to 50 "	256
" " 50 to 60 "	135
" " 60 to 70 "	115
" " 70 to 80 "	63
" " 80 to 100 "	18
" over 100 "	4

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MISSOURI BAPTIST SANITARIUM.

TAYLOR AVE., NEAR DELMAR.

This institution was started by Dr. W. H. Mayfield, at his own home, in North St. Louis, in 1884. A few friends afterward associated themselves with Dr. Mayfield as a "Managing Board," and finally it was decided to rent a larger house where more unfortunates could be cared for. In 1887 the present house was rented for $100 a month and occupied, the doctor's friends agreeing to provide for the rent and he for the running expenses of the institution. Since then the work has grown rapidly and a building fund of $40,000 has been raised by subscriptions among the friends of the sanitarium. The new building is to be built on the present site.

The house now occupied is an old mansion situated on a fine lot and in an excellent part of the city. There are three varieties of water on the grounds and a pleasant lawn with fine shade-trees.

The services of competent surgeons and physicians, as well as those of Dr. Mayfield and his wife, are given gratuitously. There are accommodations in the present building for only 20 patients, and crowded at that. Patients are charged $1 a day for board. A few pay a little more for extra room and care, but many also pay less. It is not the purpose of the institution to give medical treatment free of charge to people that are able to pay. All that can pay do so, but those that cannot pay have the best treatment without charge. The house is self-supporting.

Though a Baptist institution, anyone, no matter of what denomination, may enjoy its benefits. The benefits of the institution may be stated thus:

1. It affords a good religious home for those that are able to pay for board and treatment.
2. It affords a good religious home for those that are able to pay for board, but not able to pay a large sum for medical treatment.
3. It affords a good religious home for those that are only able to pay board, but are unable to pay for medical treatment.
4. It affords a good religious home for those that are utterly destitute and unable to pay anything for board or treatment.

During the last three years 629 patients have been treated in the present house. Three-fourths of this number have been women. Each patient remains in the house only from one to two months. Many of the patients have boarded outside and have received treatment at the sanitarium. Out of 600 cases only 7 deaths have occurred. Some who have come here broken down financially, as well as physically, have been provided with employment when restored to health.

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THE WHITE CROSS HOME

The White Cross Home is a reformatory home to shelter and aid tempted and betrayed women, and to redeem the fallen.

Two-thirds of the inmates of this Home have been domestic servants; the remainder have never worked at anything. Many are from the country. They remain here usually about three months after their time of trial. While in the Home they take part in the daily religious devotions and are encouraged in every way to acquire spiritual strength of character, and with it a willingness and desire to become useful members of society and to do their part in the work of life.

This Home has been in existence only three years, having been opened Feb. 22, 1888, on which day one girl presented herself, beseeching for shelter. The house is an old residence of 12 rooms loaned by charitable friends for the uses to which the home is devoted; 8 rooms are bed-rooms, which were furnished by contributions from friends. The accommodations are inadequate for the needs of the Home.

The Home derives its support from donations in money, food and clothing; also from annual subscriptions by associate and active members who are friends of the Home. The house-work is performed by the Matron and those of the inmates who are strong enough to work. Medical services are given gratuitously by women physicians resident in the city.

During its existence the home has sheltered—

First year	105	women and	68	infants.
Second year	61	"	39	"
Third year	64	"	49	"
Totals	230	"	156	"

Of the 230 women—

103 have returned to their Homes and kindred.
92 have been provided with homes.
13 have obtained employment for themselves.
3 have left without consent.
1 has died.
18 are at present in the home.

Total.... 230 women.

Of the 156 infants—

50 have been adopted.
26 have been placed in asylums.
19 have died.

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53 have been kept by their mothers.
8 are still in the home.

Total ... 156 infants.

Of the 156 infants, 60 were born in the house and 96 were admitted with their mothers during the first year, these mothers coming directly from the hospital.

Of the 19 that died—

3 died the first year.
10 " second year.
6 " third year.

Total, 19

Of the 60 born in the Home—

5 were born the first year.
25 " " second year.
30 " " third year.

Total, 60

The majority of the 53 kept by their mothers, were from the 96 admitted with their mothers during the first year.

Household expenses for the first year not including donations:

First year	$358 60
Second year	799 81
Third year	907 84
Total	2,066 25
Average of $688.75 per year.	

Before leaving the Home, most of the women sign the temperance pledge, and *all* take the *White Shield Pledge.*

WHITE SHIELD PLEDGE.

1. To uphold the law of purity as equally binding upon men and women.
2. To be modest in language, behavior and dress.
3. To avoid all conversation, reading, pictures and amusement which may put impure thoughts in my mind.
4. To guard the purity of others, *especially* of the young.
5. To strive after the special blessing promised to the pure in heart.

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THE INSTITUTIONAL MISSION HOME.

This Home, an extremely humble little place at 3919 South Boardway, was founded some four years ago by Mrs. Page, at that time President of the Institutional Mission, and has continued ever since under the management of the ladies of this mission.

The object and aim of this Home are the same as those of the White Cross Home, but the methods are in some respects different. It is not a lying-in institution, and the mothers are expected to keep their babies and take them with them wherever they go. It is thought that to encourage the mother love will do much toward making the woman better instead of worse on account of trouble; and the results of this method would prove that this is correct.

The little dwelling, given them temporarily, has but four bed-rooms for the accommodation of the inmates, and is extremely poverty-stricken in appearance. The Home is kept in existence by means of subscriptions, donations and pound parties; but the over-worked Matron, notwithstanding her energy and economical management, has a hard struggle to provide the inmates with the comforts of life.

The average age of the inmates is from 16 to 20 years.
Number of inmates in the home during the year, 51.
Number of infants, 27.
Number of girls sent to their homes during the year, 10.
Number of girls provided with employment during the year, 40.

The women and their babies are kept here until they are sent home or until employment is procured for them.

The Institutional Mission Board consits of a number of ladies who visit the city institutions every two weeks, distributing reading matter and holding religious services.

THE CONVENT OF THE GOOD SHEPHERD.

The order known as the "Good Shepherd" had its origin in France, where it was established by the Ven. John Endes in 1641. The principal object of the order is the reformation of fallen women. It also protects children who are in danger by reason of their own evil tendencies, their destitution or the incompetency of parents.

In 1842 the order of the Good Shepherd was introduced into the United States by the Right Rev. B. J. Flaget, and the first house was

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opened at Louisville, Kentucky, September 8, 1842. From this house a colony of sisters were sent to St. Louis, Mo., in January, 1849. A square of ground situated on Seventeenth and Pine streets was donated by Mme. Anna Lucas Hunt, and the Most Rev. Archbishop P. R. Kendrick erected suitable buildings upon it. These have since then been greatly enlarged to accommodate the four "classes" they at present contain.

1. "The Sisters of the Good Shepherd," among whom none are admitted except ladies who have always led pure, irreproachable lives.

2. "The Magdalens," or those who wish to lead lives of strict retirement and penance. Among these, women who have fallen from virtue may be admitted, when they give signs of true repentance.

3. "The Preservation Children," or young persons in danger of contamination.

4. "The Penitents," or women and girls who have led depraved lives and are to be reformed.

The report for 1890 shows that since the opening of this institution in 1849 there have been admitted:

To the Reformatory	2,819	
Children's department	1,821	
Total		4,640
DEPARTURES.		
Entered Magdalen Community	113	
Returned to friends or provided with situations	3,597	
Dismissed as incorrigible or escaped	347	
Died in the institution	178	
Total		4,229
NUMBER IN THE INSTITUTION JAN. 1, 1890.		
In Reformatory	231	
Children's department	130	
Magdalen Convent	50	
Total		411

The total number of inmates for 1891 is over 400, of which number 20 are children. A few only of these children are orphans. Many are of respectable parentage.

The number of inmates received per year average between 200 and 300, and the same number leave, including deaths. The average age of those in the reformatory class is 14 years. A few in this class are as

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young as 12 and 13 years; the majority, however, are 16 and 17 years of age, others are 50, 60 and 70 years of age, but these latter are mostly those who have made this house their home for a great many years.

After 21 years of age compulsory detention of inmates is not allowed. As soon as an inmate reaches that age she can leave or remain as she pleases, but if she remains she must observe the rules of the house. One-half of the number now in the house are of age. Of those who enter the Convent of the Good Shepherd, 75 per cent reform before leaving the place.

The girls and women within the walls are trained under the guidance of the Sisters in the various branches of female industry. The house is self-supporting, sufficient being earned by the women in sewing, chair-caning and laundrying to supply food and clothing for all. Three hundred charitable citizens of St. Louis also help with their annual subscriptions.

The crowded condition of the present quarters necessitated the purchase of grounds in the western suburbs of the city, on which grounds are being erected suitable buildings for the accommodation of the inmates. For this outlay the Sisters have incurred a debt of $54,000.

BETHESDA.

On Ninth and Russell avenue, is a shelter for homeless and aged women and abandoned or neglected infants. This home is kept up in the same way as the orphanage of the faith-renowed George Muller of Bristol, England, by faith alone. It has no endowment nor fixed income and nothing is solicited, yet the treasury is never empty.

The home was founded in June, 1889, by Mrs. Hayne, of St. Louis, whose original idea was to provide a temporary shelter for women with babes in arms just out of the female hospital. She started the home with only $140 and a great amount of faith. During the first year over $3,000 was sent to the home from unexpected sources without solicitation from the lady managers.

During the first year of its existence, shelter was provided for 117 women, 24 of whom were mothers with babes in arms given a home here until they could be returned to their friends or provided with employment. During the first six months 37 infants were taken into the home, 10 mothers and 7 old women. During the year nine of the

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infants were adopted into families. There are now 29 babies in the home and 18 women. Nine of the latter are aged women who would be compelled to seek shelter in the poor-house if not admitted here. Twenty babies are the number that can be accommodated and properly attended to in the present quarters.

The home is non-sectarian. All that is required of applicants is that they shall be in need and desire to lead a Christian life.

Every effort is used to foster and encourage the love of the mothers for their offspring and to induce them to stay and nurse them for one year. The child can then be left at the home till the mother is able to support it.

The building of fourteen rooms is furnished comfortably and presents a cosy, home-like appearance. The food furnished the inmates, though not of great variety, is of the best quality. The workers in the home—matron and servants—receive no salaries. All, from the matron down, work for love.

Following is copy of rules of the home, tacked on outside of front door:

1. All young mothers are received here who are willing, with full purpose of heart, to lead a true life, laying aside every false way.

2. All mothers shall be employed in useful labor suited to their capacity, but no unnecessary work will be allowed on the Sabbath.

3. The rising bell shall be rung at 5:30 a. m. from the first of April to the first of October, and during the rest of the year at 6 a. m , and all are expected to rise, excepting in case of sickness.

4. Breakfast will be served promptly at 7 o'clock, dinner at 12:30 and supper at 6. Lights must be put out at 9:30. except in rooms where there is sickness.

5. All are expected to appear in the dining-room at the time for meals, neatly dressed and seated before the blessing is asked by the Matron.

6. The mothers shall not be absent from family worship, or the religious services held in the home and in the church, unless excused by the Matron.

7. No letters, books or other articles can be received or sent by the mothers until examined by the Matron, and mothers are strictly forbidden to converse with each other upon the important events in their past history.

8. Relatives and friends of the mothers can visit them on Thursdays between the hours of 10 a. m. and 3 p. m., their visits not to exceed a half hour, and in the presence of the Matron.

9. No improper language nor loud talking allowed in the home.

10. The inmates will not be allowed to absent themselves from the home without the consent of the Matron.

"No one admitted who has been where there is a contagious disease."

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THE HOUSE OF REFUGE

Is a city institution for the reformation and protection of children under 15 years of age. Both the innocent and the bad are picked up by the police and sent to this institution by the proper authorities. Many others are sent here by their parents as incorrigible. All in the institution receive instruction in the common English branches and learn to do different kinds of work. They are kept here until of age, discharged or claimed by their parents. It is endeavored to keep the innocent separated from those that are bad.

Most of the girls in the House of Refuge have been abandoned by their parents or thrown out of their homes on account of their parents being sent to the hospital. Many have been found in the streets, selling matches and flowers, or begging, and have been sent here on account of the bad influences to which they were exposed.

There are now 74 girls in this institution, of which number 25 are colored. The youngest girl is 6 years old, the oldest 18.

Number of girls received this year 33; average age 14; 22 white and 11 colored.

Number of girls discharged during the past year, 32. Of these 32, homes were found for 7; average age 14; and 25 were claimed by their parents; average age 14.

The average period of time spent by inmates in this institution, 16 months.

Of the 33 girls received last year:

7 colored and 6 white were incorrigible; average age, 13.
2 colored and 1 white were found in houses of prostitution; average age, 14.
2 colored were found thieving; average age, 14.
1 colored was disturbing the peace; age, 15.
Total number committing offenses, 19.
6 white were exposed to bad influences; average age, 11.
8 white were without homes; averge age, 10.
Total number neglected and homeless, 14.
Total number received in institution during the year 1890, 33.

The buildings are large and well ventilated, and furnished with modern conveniences in the way of water closets and large tanks, the latter for bathing purposes. Dormitories are well ventilated and furnished with iron bed-steads with clean bedding. Meals are nourishing and appetizing. Cruel punishment no longer allowed in the institution.

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THE MASONIC HOME OF MISSOURI.

The Masonic Home of Missouri, situated near Forest park, on the Lindell railway line, consists of a large ten-room house, with frame addition and 15 acres of land, the latter including orchard and vineyard. This place was bought by the Free Masons of Missouri and established some two years ago as a home for the orphans of Masons. For one year the home has been open to the impoverished widows, also, of Masons in good standing, and latterly to the Masons themselves—those in need of a home.

The house is furnished very comfortably and provided with everything necessary to make a pleasant and comfortable home for the inmates. The children are educated, and when of age, provided with employment. All—men, women and children—are provided with clothing and other things that are necessary to their well-being.

Up to this year the Home has been maintained by voluntary subscriptions from Masons in different parts of the State, together with income derived from other sources. By a late order of the society of Free Masons, every member in the State must contribute 50 cents per year toward the support of this Home. Estimating the total number of Masons in this State at 30,000, the Home will have $15,000 from this source alone.

Children are admitted from 4 to 15 years of age. There are at present 38 children in the Home and 7 widows. The ages of the widows in the home range from 28 to 79 years. Widows of all ages are admitted. No men, as yet, have come to the Home.

Several new buildings of adequate size will soon be erected for the separate accommodation of men, women and children; also a building for school purposes exclusively.

SOUTH SIDE DAY NURSERY,

Situated on Tenth and Julia street, is a convenient building of ten rooms, belonging to the South Side Day Nursery Association, where children are cared for and fed while their mothers are at work.

"The object of this nursery is to prevent pauperism by assisting bread-winners with young children on their hands to earn an honest living." Any honest working woman, by paying 5 cents per child per

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day, can have her children cared for in this nursery. If she has no money, some lady belonging to this association will pay it for her.

The majority of the women availing themselves of this privilege are women who go out by the day washing, scrubbing or cleaning; others are women who work in factories. A matron and two assistants care for the children in this nursery.

When the children are brought to the nursery in the morning, their own cothes are taken off them and put out doors to air; they are then bathed, and dressed in clothes belonging to the nursery. At 9:30 they are given a lunch of bread and milk, at noon a nourishing dinner, and at 4 o'clock another lunch of bread and milk. In the evening, when their mothers call for them, they are dressed again in their own clothes.

The smallest attendance in a day is 12, the largest 40. Mondays and Tuesdays are the busiest days. The ages of the children cared for are from 3 weeks to 8 years. Those that are 7 years of age are sent to the nearest kindergarten, being cared for before and after school hours and given their meals during the day. Those 8 years of age are sent to school and also cared for outside of school hours. During the summer months the children are taken to the park, if possible, one day every week.

Following is taken from annual report for 1890:

On one day 40 children were present at the nursery. The record shows the following attendances by months:

1889.	May	620	1889.	December	507
	June	590	1890.	January	482
	July	613		February	542
	August	577		March	612
	September	633		April	675
	October	587		Total	6,938
	November	500			

The footings for the previous years show how our work has grown:

Year	1886-7	1887-8	1888-9	1889-90
Attendances	2,444	4,188	4,395	6,938

COST PER CHILD PER DAY.

We have reason to congratulate ourselves on our year's work. We have had many more children than ever and yet our net expenses have been less. The gross expenses for the nursery proper are shown to be $1,513.64. The money paid by the mothers, 5 cents per day per child, amounted to $340.75; subtracting this from our total expense and dividing by the number of day attendances, we have $16\frac{2}{10}$ cents as the net cost per child per day to the nursery.

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The economy of the past year's work is shown by comparison:

1886-7	1887-8	1888-9	1889-90
$33\frac{1}{3}$ cts.	$29\frac{1}{2}$ cts.	28 cts.	$16\frac{9}{10}$ cts. per child.

It is doubtful if the last figures can be improved upon, even now that we have no more rent to pay.

It is fitting that we should stop a moment to consider the peculiar benefit which an institution like this confers upon the laboring poor. Every $16\frac{9}{10}$ cents contributed to the support of the nursery, means that a mother has been free to earn a day's wages. To be sure, in some cases a mother brings more than one child, but as a rule, less than 30 cents spent on a child represents $1 earned by the parent. That is to say, we spend 30 cents on her children, while the mother earns a dollar for the support of her home. How greatly superior this is to the system of charity which would half support both mother and child in idleness. As we said in a former report, the day nursery is an institution which multiplies all sums received. Instead of spending one-half of all we get in expensive machinery, the mothers actually have the benefit of every cent of what is contributed.

DAY NURSERY AND MISSION HOME AND SCHOOL.

Another day nursery is in the northern portion of the city, situated on Ninth and Wash streets, started since April, '91. It is under the auspices of the ladies of the Church of the Messiah, who have had a Mission Home and School in this same spot for the last ten years. This was the first free school west of the Mississippi, founded in 1840 by the Rev. Dr. Eliot.

This place has been a permanent home for children whose mothers have abandoned them, or a temporary home for children whose mothers have left them here only until they were better able to take care of them. Many mothers have been enabled in this way to obtain employment in families.

The object of the day school has been to keep children off the streets, the inducement being a warm dinner. It is for those who are not old enough to attend public school, or have been so neglected that they are ashamed to attend school; these latter are 14 and 15 years of age.

There are now 43 children in the home, and an average daily attendance of 40 for the school and nursery. The home and day school have been free to all, but for the day nursery 5 and sometimes 10 cents per day has been charged. The mothers are women who do washing, ironing and cleaning in families, work in factories and other places.

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Ages of children in the Home school during the year 1890:

1 of fourteen years.	15 of six years.
1 of thirteen.	15 of five.
1 of twelve.	9 of four.
4 of eleven.	6 of three.
9 of ten.	3 of two and one-half.
14 of eight.	2 of one and one-half.
12 of seven.	

O'FALLON PARK SANITARIUM.

A sanitarium for mothers with sick babies is situated in O'Fallon park. This sanitarium was opened some three years ago, and has been carried on in connection with the fresh air excursions for mothers with sick children. Indigent mothers with sick children, by applying to the proper authorities, can be sent to the sanitarium,where they are allowed to remain with their children for two weeks at least, or as much longer as is deemed necessary, with medical attendance supplied. The mother is expected to attend to her children and room and do her own washing, and no charges are made for board, lodging and medical attendance.

The park is 165 acres in extent, occupying a height that overlooks the surrounding country, and insures air that is health-invigorating to the small patients. The building occupied by the mothers and their children is the old O'Fallon mansion, containing 13 bed-rooms. The summer season for the sanitarium begins in June and continues on through September. As many as 18 mothers and 35 children have been accommodated here at one time. During the remainder of the year the sanitarium serves as a boarding place for children whose mothers are worthless, or morally and physically unfit to care for their children. The fathers of these children pay for their board, which is from $8 to $15 per month, the charge varying according to the means of the father. There are now 16 little ones boarding here. The children of drunken mothers are sent to this place through the recommendation of Mrs. Harris, Police Matron.

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THE ST. LOUIS CHILDREN'S HOSPITAL (HOMŒOPATHIC).

This free hospital for children was opened with two patients at 2834 Franklin avenue, in October, 1879. Since 1885, however, the hospital has been located at Jefferson avenue and Adams street. The expenses of the hospital are sustained by annual and voluntary subscriptions, a small endowment fund, income derived from entertainments, etc.; besides there are donations of various kinds.

Though a free hospital, those who are able and willing may help by paying whatever they can afford. In this way, different amounts have been paid for patients—$1, $1.50, $2, $5, $6, $10 and $20 per month, and some occasionally give donations in the shape of clothing, groceries, fruit, etc. But three-fourths of the patients are not paid for.

The mothers of two-thirds of the children are working women—wash-women, domestics, workers in factories, etc. Half of the mothers are separated from their husbands, others have unfortunate or worthless husbands, and some are widows.

There are accommodations in the hospital for 50 children. Children between the ages of 2 and 14 years are received as patients, though exceptions are sometimes made in favor of older children. One-third of the children now in the hospital are between the ages of 2 and 5 years.

Besides the Matron, there are two day and two night nurses. Medical attendance is gratuitously rendered by some of the best surgeons and physicians in the city.

Following is report of hospital for the year ending January 31, 1891

Annual report of Resident Physician for the year ending January 31, 1891.

No. patients in hospital February 1, 1890	21
No. patients admitted during the year	152
No. patients re-admitted during the year	20
Total number of cases treated	172
No. patients discharged during the year	124
No. patients died during the year	2
No. patients in the hospital February 1, 1891	46
No. patients greatest during the year at one time	48
Total number patients treated since opening hospital	698

DISPENSARY REPORT.

New patients treated during year	838
Prescriptions during year	1,068
Dispensary patients admitted to hospital	18

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Donations	$63.91
Total No. of patients treated since opening dispensary June 10, 1885.	3,697
Total number prescriptions	6,577

Respectfully submitted.

D. M. GIBSON, M. D.,
Resident physician.

Report of medical cases for year ending February 1, 1891.

Discharged cured	75
Discharged improved	2
Discharged incurable	
Removed by parents	14
Under treatment	20
Died	1
Refused admittance on account contagious disease	7

MARTHA PARSONS HOSPITAL FOR CHILDREN.

This free hospital for children is situated on Channing avenue and School street. When first established, in 1884, it was known as the Augusta Free Hospital for Children, but has since changed its name on account of a legacy given with the name of Martha Parsons.

None but charity patients are received in this hospital, and patients must be between 2 and 14 years of age, though exceptions are sometimes made to this rule.

At present time (July) there are 19 patients in the hospital—5 between 2 and 14, 12 between 5 and 12, and 2 that are 16 years of age. There are accommodations for 20 children. The appearance and arrangement of everything about the hospital resembles more that of a beautiful home than an institution of any kind.

The hospital is supported by voluntary, annual and life subscriptions, also by legacies.

The mothers of one-half the children are struggling working women, mostly seamstresses.

During the past year 123 cases have been treated, out of which number 1 has died and 19 cases remain in the hospital. Medical attendance is given gratuitously, same as in other hospitals.

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THE ASSOCIATION FOR THE PROTECTION OF WOMEN AND CHILDREN.

This association was established in April, 1891. Its uses are similar to those of the Associated Charitable Workers. The object of the association is to protect women and children against impositions of every kind and provide them with all needed help. Working women's wages, when unlawfully withheld, are collected for them by this association, and women who are liable to lose furniture and sewing machines on which they have made partial or total payments, are protected against such swindling. Homes are found for women and children in need of the same; employment provided for women who are able to work; care in hospital provided for women who are unable to defray medical expenses.

The association has no particular headquarters, but most of the business has been transacted by the Matron of the Four Courts.

THE ST. VINCENT DE PAUL SOCIETY.

This society was established about thirty years ago. There are in this city about fifty parishes, in each of which the work of this society is carried on. The work consists in helping the needy in various ways, providing them with employment, clothing, food, fuel, medicine or shelter. All who are in need of assistance, whether men, women or children, are aided by this society, and among the number receiving assistance are working women who, from sickness or misfortune, are unable to temporarily provide themselves with the necessaries of life.

The society is maintained by voluntary contributions from members. There are forty active members.

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ST. PHILOMENA'S INDUSTRIAL SCHOOL FOR GIRLS.

This school and home for orphan girls, situated on Summit and Clark avenue, is under the management of the Sisters of Charity, and has been situated in the preset locality for 22 years. It was established, however, 40 or 50 years ago. Girls who have reached the age of 12 or 14 are sent here from the Orphan Asylum at Tenth and Biddle streets. They are taught dress-making and plain sewing, and kept here until they are able to earn their living, then are provided with situations.

There are 30 girls in the home from 12 to 15, and 35 girls from 15 to 20 years of age. Total number of girls now in home, 65.

During the year, about 10 girls leave the school to join their relatives or take situations as seamstresses in families. The same number are received into the institution during the year.

GUARDIAN ANGEL PROTECTORATE,

Situated at 1029 Marion street, is a Catholic institution, though nonsectarian in its work. It is for the protection and education of young girls between the ages of 14 and 17, who have no homes or whose parents are too poor or incompetent to give them proper training and protection; also for girls whose parents are able to pay a trifle for their education. These girls are instructed in all kinds of needle work as well as house-work, that they may be able to earn their living when they leave the home. They are kept here as long as they wish to remain, which is generally until they are 21 years of age, then they are helped to situations.

The home is self-supporting, the girls doing dress-making and other sewing for the outside world.

Number of girls now in home	43
" " that left during the year	8
Total number in home	51

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THE INDUSTRIAL SCHOOL OF THE IMMACULATE HEART OF MARY.

This school and home for girls, situated in Normandy, a suburb of St. Louis, was established in 1883, and was for a time a branch of the Good Shepherd of this city. It is not a reformatory, but is a home and school of training for orphan girls and those whose parents are not proper guardians or who cannot or will not educate them. For those who can afford it $10 per month is charged for board and training, but out of 100 girls now in the school there are only ten for whom anything is paid.

They are taught sewing, millinery, laundry work and house-keeping, and those without guardians are kept here until they are competent to earn a living for themselves, then are provided with positions in families, to do sewing and house-work. Some have been here for three and four years.

The house is supposed to be self-supporting, but has not succeeded in so being. The girls while under training earn whatever they can for the support of the institution, taking laundry work from private families and sewing from the city factories. These means of support have been found to be inadequate. The institution is $30,000 in debt.

Last fall, children under 10 years of age, to the number of 30, were sent here from the Good Shepherd in this city, that place being crowded beyond its capacity.

There are now in this institution 15 girls between the ages of 10 and 15 years; 50 girls between the ages of 15 and 19 years; 4 over 19 years of age.

During the last year, 50 girls have been received and 20 have been returned to their guardians or provided with positions.

Connected with this institution, for the purpose of increasing its income, is a boarding department where women can be accommodated with board from $15, $25 and $30 up to $75 per month. There are at present only 4 boarders.

There are two buildings three stories high, supplied with modern conveniences. The situation is healthful and the surroundings delightfully rural.

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GIRLS' INDUSTRIAL HOME.

This Home, situated at 718 North Eighteenth street, was organized in 1854 by a number of St. Louis ladies. It is an industrial school and temporary home for destitute children, or children whose parents are for a time unable to provide them with a home. Mothers employed in families can leave their children in this Home until they are so situated as to have their children with them again. Three dollars per month is the usual charge for board if the parent is able to pay anything; otherwise, nothing is charged.

Number of children received during the year, 59.
Number placed in families and returned to friends, 61.
Number now in the house, 60.

The ages of the children received in this Home range from 3 to 17 years. Average age of present inmates is from 3 to 12 years. The children are given instruction in the common English branches and sewing.

HOW TO OBTAIN A CHILD FROM THE HOME.

Any person desiring to take a child from the Home for adoption, or to bring up to maturity, must communicate, in person or by writing, with the First and Second Directress, or some member of the Board, giving a full statement of the circumstances in which the child will be placed if transferred from the Home to his or her care, what position in the family such child will hold, what labor will be required. what advantages for education will be given, and what will be the religious privileges and training.

These facts must always be accompanied with good and satisfactory recommendations, or the requests can receive no attention from the committee charged by the Board with the responsibility of selecting homes for the children.

THE MISSOURI STATE SCHOOL FOR THE BLIND.

This institution, situated on Nineteenth street, between Morgan and Franklin avenue, is a public school where the blind youth of Missouri are admitted for a limited time of 8 or 9 years.

It is supported entirely by appropriations made by the Legislature, and is strictly a State institution. Liberal provision has been made for its maintenance, and the only expense to pupils is for clothing and for railroad fare to and from St. Louis. Board, tuition, books, washing, etc., free.

There are three departments—the literary, music and the work departments. In the work department the girls are taught to sew on

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machine and by hand, knit, crochet and do a variety of other work. The object of this school is to make the blind of the State self-sustaining.

The conditions of admission are:

1. Bona fide residence in the State.
2. Good mental and physical capacity.
3. Applicants must be over 9 and under 25 years of age. Persons over 25 years of age who are otherwise eligible are admitted to the work department only.

There are now 50 girls in the institution, of which number 3 are colored. Within the last 8 years 150 girls have been educated in this institution. Out of this 150 all but about three girls have had homes to return to.

OUR LADY OF GOOD COUNSEL DEAF AND DUMB ASYLUM.

This home and school for deaf mutes is a Catholic institution, though non-sectarian in its work, organized in 1885; since which time over 100 deaf mutes have been educated within its walls. The pupils come here from different parts of the State and from other States as well.

Those who can afford to do so pay $15 per month for board, lodging and instruction, but those who are destitute have the same advantages free of charge. If there is no one to take care of them, they can make this their home for life. They receive instruction in the common English branches (with sewing and house-work added for the girls) and the addition of general science, the languages, articulation, music, drawing and printing.

Total number of pupils is 40, of which number 27 are girls and women. Seven of the girls are day pupils. Of the whole number educated here, 5 only are paying pupils.

Ages of the female pupils:

4	between	8 and 10	years	of age.
5	"	10 and 13	"	"
5	"	13 and 15	"	"
10	"	15 and 20	"	"
2	"	30 and 40	"	"
1	of	50 years of age.		
27	total number of females.			

The home is situated at 1849 Cass avenue, is a large, convenient building, surrounded with pleasant grounds of a couple of acres in extent.

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FEMALE LABOR ORGANIZATIONS.

There are in St. Louis no labor organizations composed entirely of women, though for a time, several unsuccessful attempts were made to form such unions. There are, however, in St. Louis, between three and four hundred women who belong to the Knights of Labor. They are women of every occupation, professional as well as industrial, and among the factory women the shoe-stitchers have the largest membership.

This organization was established some 18 or 20 years ago, but only for the last 8 or 10 years have women been members. The dues are 25 cents per month. The object of the woman's department of this organization is the elevation of their own sex, morally and intellectually, and to bring about industrial reform.

A general investigator investigates the condition of the working women in different parts of the country and makes her report of the same to the organization, which endeavors through legislation, arbitration, etc., to better the condition of the working women in regard to hours, wages and sanitary conditions. To this investigator are brought tales of injustice, cruelty, low wages, arbitrary dealings, etc., etc., and as far as is possible, endeavors are made to right these wrongs. Another object is to remove the working woman from the possibility of ever requiring charity, to teach her self-reliance and self-respect.

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KANSAS CITY.

HOME FOR THE AGED.

The Little Sisters of the Poor have been established for nine years on Springfield avenue and Locust street, in the building formerly occupied by the widows and orphans of Confederate soldiers.

The Sisters bought the building with 10 acres of ground and converted the place into a home for the aged of both sexes. Any respectable woman over 60 years of age, and without home or friends, is received as an inmate of this institution. Those who have any money at all can pay what they can afford, but they are not asked to pay more than $5 per month. Very few, however, pay anything.

Total number that can be accommodated in this home, 140. Present number in home, 137, including men and women. Present number of women in the home, 51. Number received during the year, 24; number that have left during the year, 11. Number that have died, 7.

The institution is supported by charity and depends principally upon the donations in food, etc., given the Sisters in their daily round of begging throughout the city. The old folks have a comfortable home and are well cared for by the Sisters. There are twelve Sisters to care for them.

KANSAS CITY EXCHANGE FOR WOMEN'S WORK.

This Exchange for Women was established in Kansas City seven or eight years ago, and incorporated in 1889 into an organization for benevolent and educational purposes.

The following statements are taken from last report of Exchange for 1889:

Our aim and purpose in organizing the Exchange was to help worthy women to help themselves. To do them good by bettering their condition through their own efforts properly aided and directed. To urge women to go higher and still higher up in the steady move of civilization, and to encourage them by opening a depot for the sale of their wares and well-cooked food of all kinds. But from the inception of our organization we did not mean to stop here, but as time rolled on, to broaden and deepen our work and to open up new avenues for women's self-support and usefulness, and further still, to devise ways and means for the protection of unprotected and friendless girls; to train the unskilled and to educate the ignor-

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ant in the industrial pursuits, and to elevate, develop and promote woman's highest and best interests in every available way possible.

When the Kansas City Exchange for Women's Work was organized, its first step was to open a depot for the sale of marketable articles made by women, thus affording them the opportunities of a market for the sale of the products of their labor. In 1887, when we reorganized our Exchange, after a suspension of business for over two years, it was then stated to be not only the object of the Association "to increase fellowship among women in order to promote the best practical methods for securing their educational, industrial and social advancement," but to found a boarding home for young self-dependent girls, which the wants of this class in our city seemed to imperatively demand. With this object and purpose in view, committees were appointed to look up a suitable location. After several weeks of faithful search, one hundred and twenty-three feet of ground was reported for sale at $14,000, on Holmes street between Fourteenth and Fifteenth streets. Without much hesitation the Exchange decided to purchase the ground. Subscription books were at once opened, and by faithful and enthusiastic work the ladies in a few days collected $5,155.25. To this was added money contributed from other sources, swelling the amount to $7,200, which was paid on the lots, leaving $6,800 to be met in the future.

ARTICLE III OF CONSTITUTION.

The purposes and scope of this corporation shall be to increase fellowship among worthy women and to promote the best practical methods for securing their educational, industrial and social advancement, and to provide the means and opportunities of a better realization of the results of their labor and of disposing of its products; the erection and support of a building or buildings which shall be used and occupied as a home for such worthy self-supporting women as shall be received by the officers, agents or employes of this corporation, at the time in charge thereof.

We have forty-one consignors in the edible department and fifty in fancy work and plain sewing. The greatest difficulty we encountered in the first months of our work was to get our consignors to meet the demand for well-made bread, cake, pies, preserves and food of all kinds. This trouble, to a great extent, has been overcome. The Exchange is now prepared to fill orders for weddings and receptions, and to supply customers at its counters with well-prepared food of all kinds.

The-sales-room receipts for the past year amounted to	$3,396 31
Commission on sales	339 60
Amount paid to consignors	3,056 70
Loaves of bread sold	8,834
Large cakes	1,564
Small cakes	1,444 doz.
Beaten biscuit	1,907 doz.
Light rolls	19 doz.
Saratoga chips	36 lbs.
Candy	134 lbs.
Pies	314

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To the above could be added several hundred small pans of baked beans, salads, jellies, preserves, pickles, cottage cheese, cheese sticks and many other delicacies. The sales in fancy articles have greatly improved, but much more could be done in this line if the ladies would take the trouble to look over the articles placed on our counters for sale by worthy and industrious women.

The ice cream parlors were open at the proper season, but being so remote from the business center of our city, and the cool weather which prevailed during the summer months, made it necessary for us to close the rooms before the season was over.

The current expenses of the sales-room greatly exceed the commission of ten per cent charged consignors on the sale of their goods. In view of this heavy drain on the few noble ladies who assume from month to month the responsibility of meeting the excess in our expenses, we feel must soon be avoided in some way. To this end, we are looking forward to a day in the near future when we must again resort to serving lunches with the hope of covering the running expenses of the Exchange.

Through the agency of our Bureau of Information, many working girls have found good homes, and many needy seamstresses profitable work. Through the aid of our Committee on Protection, a few self-dependent women have had paid to them wages wrongfully withheld by their dishonest task-masters. More of this kind of assistance we hope to render our working women in the future.

Membership fee has been reduced from five dollars to two dollars per annum, which membership entitles each lady to three consignor's tickets, which she can transfer to any worthy working woman who may not be able to pay the price of one dollar for a consignor's ticket.

Number of consignors at present time, July 1891, 75.

Receipts from sales for present year average $500 per month.

Up to month of May, 1891, no charges were made for use of Employment bureau. Since then, charges are 50 cents for domestics and $1 for employers. When no charges were made, the applicants for places averaged nineteen per month, and the number of orders and domestics placed averaged ten per month. Since May, the applicants for places average ten per month, orders average from four to eight per month, and orders filled average from three to five per month.

Present location of exchange, Baltimore avenue and Twelfth street.

Following are rules of Kansas City Exchange:

RULES.

1. Every consignor will be required to pay one dollar per year for the privilege of depositing articles for sale, for which a receipt and number will be given each consignor—the year being counted from date of consignor's ticket.

2. Ten per cent will be charged on all sales and on price received for order work.

3. Every article on sale must have the selling price and number, also a minimum price, securely fastened to it, and must be sent, and returned if not sold, free of expense, to the Exchange, and at the risk of the owner.

4. No articles will be accepted unless accompanied by a complete list, bearing depositor's number, name, address and date of shipment. Depositors must keep a duplicate list of same.

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5. All work is received subject to the approval of the different committees.

6. When goods are marked at so high a price as to render them unsalable, the committees will mark them down, unless otherwise instructed by the depositor at the time of entry.

7. The society does not hold itself responsible for losses, having taken all reasonable precautions against fire, theft and accidents.

8. Goods entered cannot be withdrawn in less than one month, and will not be retained longer than one year. If unsold at that time, they must be removed immediately on notice being sentthe depositor; otherwise, having been duly advertised, they will be sold at auction.

9. Persons leaving orders will be required to deposit twenty per cent of the value of the article to be made.

10. All inquiries and complaints will be answered by the Board of Directors or Visiting committee, some of whom will be at the rooms daily from 10 to 12 o'clock.

11. City consignors will receive money due them at the Exchange rooms on Tuesdays and Fridays, from 10 to 4 o'clock. Money will be sent to depositors at a distance every three months, or every month if the amount exceeds five dollars.

12. Consignors must present their receipts before payment of any dues, or the return of any goods.

13. Each member of the society will be entitled to three consignors' tickets, which she may use as she deems best.

HELPS FOR WORKING WOMEN.

A lady of this city has offered to pay the expenses of any working women who need a few weeks rest during the warm weather. She has made arrangement for their comfort and enjoyment on a pleasant farm in the adjacent country, but up to July has succeeded in getting only two girls (saleswomen) to avail themselves of her kindness. The difficulty seems to lie in the fact that their employers are not willing to give them leave of absence.

A FRESH AIR HOME FOR CHILDREN

Is being planned by ladies of the W. C. A. They expect to rent a cottage in the suburbs near Washington park. Will have accommodations for six convalescent children at one time. The children will remain two or three weeks or more, according to their needs.

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PROVIDENT ASSOCIATION,

Ninth and Charlotte streets.

The Provident Association of Kansas City was formed in November, 1880, by a number of citizens who proposed to unite individual efforts at charity and to concentrate the work in the hands of a thoroughly equipped organization.

At the present time, the methods pursued by this association in assisting the needy are similar to those of the associated charity societies of St. Louis and other cities. A system of investigation and friendly visits among the poor has been established, also a free employment bureau and a permanent wood-pile—the latter to provide employment for those who cannot obtain it elsewhere.

A record of material help given individuals during the year 1890 shows a total of 528 persons provided with food and fuel, most of whom were women and children. Total number of railroad fares provided, 402, most of which were for men leaving town to seek work.

Before the present employment bureau was established, during the year 1890, 216 persons were provided with work, 51 of whom were women.

THE INSTRUCTIVE DISTRICT NURSING ASSOCIATION.

The object of this Association is to provide visiting nurses to those otherwise unable to secure skilled attendance in time of illness, to teach cleanliness and the proper care of the sick.

Though the object of this Association is to relieve the distresses of men, women and children, yet those who are most benefited by this work are poor women—mothers of families and others who are either ill themselves or have sick ones to care for.

One year ago this work was begun by the women of a Congregational church in this city. They employed a trained nurse to visit poor families in this way. But only since April, 1891, has the Association been organized. The headquarters of this Association are in the Charity building, on 9th and Charlotte streets.

These associations are no longer an experiment, but established facts in London, England, and other foreign cities, and in New York, Philadelphia, Boston, Buffalo and Chicago, in our own country. They

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employ trained nurses to visit and care for the sick poor. Each association has a loan closet, from which are dispensed clothing, sheets and pillow-cases, and all appurtenances necessary for the comfort and well-being of the sick. The nurse makes a daily round of visits among her patients, making them comfortable for the day, often returning a second time in cases of dangerous illness, and is able to relieve much suffering by her skilled attentions, as well as to give valuable instructions in nursing and hygiene.

HUMANE SOCIETY FOR THE PREVENTION OF CRUELTY.

The Kansas City Humane Society was established in 1883. The salaries of the two officers are paid half by voluntary subscriptions and the other half by the city.

This is a society for the prevention of universal cruelty to men, women, children and animals. Besides investigating numerous cases and disposing of them, the officers of this Society send many individuals to their homes and to asylums and institutions that they deem best adapted for their different distresses and needs. Many unfortunate women are sent to the Humane society by the matron of the police station.

The following report of work done by this Society for the past year deals mostly with cases where women and girls were involved, and therefore is not a complete showing of work performed:

GIRLS.	
Taken from houses of ill fame under 17 years of age	14
Taken from under immoral influences	24
*Sent for liquor and selling to persons	83
Prevented from selling flowers in saloons	12
Prevented from selling papers at night	1
Prevented from begging on the streets	10
Prevented from marying before maturity	6
*Prevented from playing musical instruments on the streets	8
Transferred to good homes	22
Wayward girls sent to Good Shepherd	89
WOMEN.	
Sent to the Industrial home	2
Sent to the Home for the Aged	8
Sent to the Y. W. C. A. Home	4
Sent to the Women's Refuge	15
Sent to the city hospital	22
Sent to the city physician	25
Sent to the county farm	25
Sent to their destination	42

*Most of these were girls.

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WORK PERFORMED—Continued.

Arrested for betraying young girls and compelling them to marry them	6
Arrested for abusing and deserting their wives	49
Investigated cases of mothers leading daughters astray	15
Investigated cases of advertising for females for immoral purposes	11
Reprimands to incorrigible girls	23
Reprimands to husbands deserting their families	34
Reprimands to husbands abusing their families	59
‡Reprimands to employers cruel to employes	18
Married by advice of the humane officers	8
†Insane persons cared for	30
Total	615

‡Can't tell how many females were treated cruelly.

†The majority of these were females.

WOMEN'S CHRISTIAN TEMPERANCE INDUSTRIAL HOME.

The means for establishing this Home were obtained through the efforts of the ladies of the W. C. T. U., who canvassed the city, soliciting donations in cash, merchandise and furniture. A house with pleasant and spacious grounds was rented on Lowell and Independence avenue, and the home opened in December, 1890.

This is a home for friendless women and children. No child under 5 years of age, unless a baby with its mother, is eligible. Women of all ages and not criminals are either temporarily sheltered while hunting work, or received for indefinite lengths of time if too old to work in families. Transient inmates are received from the humane officers and charitable societies, Bureau of Charities, Employment Bureau of the Y. W. C. A., and all city and police officials, without making application to the Admission committee.

The children have been brought for the most part by the humane officers from very wretched homes—drunken and dissolute mothers—children whose parents are unfitted to care for them morally and physically. The old women in the home are past the age when they can earn their livelihood, and have no one to care for them. The middle-aged and young women are temporarily cared for when out of work and funds, or when sick, until they are able to work or find other homes.

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An endeavor is made to educate the children and young women by giving them a thorough moral training and a thorough knowledge of household and needle work, and in this way fit them to honorably support themselves. The old ladies teach the younger inmates sewing and mending. The matron and her assistant, the latter a capable inmate of the home, instruct in the care of rooms, and the cook instructs in kitchen and dining-room work. It is expected some time in the future to have regularly appointed teachers for the school-room and other departments.

The ages of the inmates range from 1 to 82 years. Fifty-eight persons have been sheltered in the Home since December 1st, and have been in the home at one time.

TOTAL NUMBER OF INMATES WHO HAVE BEEN IN THE HOME.	
Number of children of 1 year of age	3
" inmates from 5 to 6 years of age	19
" " " 16 to 20 " "	7
" " " 20 to 30 " "	9
" " " 30 to 40 " "	2
" " " 40 to 50 " "	6
" " " 50 to 60 " "	5
" " " 60 to 70 " "	2
" " " 70 to 80 " "	1
" " " 80 to 90 " "	2
Total	56
PRESENT NUMBER OF INMATES IN THE HOME.	
From 5 to 16 years of age	11
" 16 to 20 " "	2
" 50 to 60 " "	3
" 80 to 90 " "	2
Total	18

A dress-making department is now carried on under the direction of a competent dress-maker, and in a short time a mending bureau will be started in this Home.

The house is an old-fashioned double-brick of ten rooms, standing back from the road on a deep lot, containing many fine old forest trees.

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The house is furnished very plain but neat and comfortably. The Home is over-crowded, the accommodations not being sufficient for the number that are to be accommodated.

When the parents are able to do so they pay their children's board, $1 per week. Two old ladies, whose married children allow them a small monthly stipend but do not give them a home, pay board in this home. One pays $8 and the other $10 per month.

THE POLICE MATRON.

For two years only has Kansas City been blessed with a Police Matron. Mrs. Patti Moore of this city has multitudinous duties of a deeply responsible nature connected with her position as Police Matron. All the women and children who are brought to the police court through misfortune or crime are personally cared for by the Police Matron. Female prisoners in the jail, also, are under her care, she being the one to see that personal cleanliness is attended to, that they are decently and properly dressed, and care for them in various ways. The Matron, too, purchases for them all needed articles of clothing. In cases that are usually disposed of in the police court, the Matron, where she judges that imprisonment will only harden and degrade the women, intercedes for them and has them sent to some institution or asylum where they will have a chance to reform and become better women. The children, too, are sent to various homes and institutions adapted to their special needs, as are also unfortunate girls and women who are without friends or homes.

The following, taken from the Matron's report for 1890, is not a complete showing of the work done by the Matron during the past year, but will give an idea of the character of her work:

Instrumental in getting boys and girls released	16
Detained boys and girls who had run away from home	12
Detained women dressed in men's attire	4
Assisted a man who had lost his wife	1
Meals furnished unfortunate women and children	23
Meals furnished lost children	45
Procuresses examined	4
Examined for infanticide	2
Searched women	3
Searched young girls	14
*Sent to the Humane Society	73
Provident Association	10
City hospital	7
Children's Home	6
Women's Refuge	5
	1
Y. W. C. A. Home	8
Little Sisters of the Poor (Home for the Aged)	2

*All girls sent to the Good Shepherd house are turned over to the Humane Society.

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Sent to Industrial Home, women	7
Industrial Home, children	3
Infants' Home	4
Children's hospital	1
Insane women and girls cared for	7
Morphine eaters cared for	4
Women who had taken gas accidentally cared for	1
Women and children injured on cable cars cared for	4
Women overcome by heat cared for	2
Children overcome by heat cared for	3
Girls who had been enticed to disreputable houses	4
Women who had run away from husbands cared for	2
Picked up for vagrancy	1
Total	279

NURSES' TRAINING SCHOOLS.

Up to October, 1891, there have been no regularly organized training schools for nurses in Kansas City. A training school for nurses was established October last in the Homœopathic hospital at 817 East Eighth street, Mary J. Green, M. D. Superintendednt of the hospital, has charge of this training school for nurses. There is one nurse who has been under training for eight months and three are on probation. One month is required for probation and two years for graduation. During probation, the nurse has her board, lodging and washing all free of charge, but no pay. For the first year, $8 per month; for the second year, $12 per month. After graduation, from $15 to $20 per month and $25 for head nurse. Board, lodging and washing always given besides the salary. For nursing in private families, graduates receive $20 and $25 per week, but for nursing in hospital the salary is as given above. Those in the second year of their training can nurse in private families, but whatever they make above their $12 per month must go to the hospital.

Another training school for nurses in Kansas City has been started at All Saints' hospital, on Tenth and Campbell streets.

The Matron, a graduate with six years' experience in nursing, will have charge of the nurses in this hospital. Time for training, salaries, etc., same as in other hospitals. Head nurse is graduate of St. Louis Training School for Nurses. Two nurses on probation and one nurse under training. At present, the nurses make their home in the hospital, but later on expect to occupy adjoining cottage for sleeping accommodations and meals.

A third training school is the Children's Hospital on Sixteenth and Wyandotte streets. Here are two probationists besides a trained head nurse from Indianopolis, and the Matron, who is also a trained, experienced nurse. The nurses in this hospital will receive $15 per month. This hospital has been established for only a short time.

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WOMEN'S CHRISTIAN ASSOCIATION HOME FOR CHILDREN.

This Home for children was established in 1883 by the ladies of the W. C. A., who believed that the most effectual and lasting way to help indigent women whose work obliged them to leave home was to give their children a comfortable home.

The home is on Charlotte and Twelfth streets; is a large three-story brick building of 24 rooms, owned by the Association. The expenses of the institution, amounting to about $320 per month, are sustained by contributions, by membership fees, dinners, bazaars and other entertainments, and by receipts from board.

Incidentally this has also been a home for women. During the past year an average of 3 women per month have been sheltered here during the night, while 12 women during the year have made this their home for a few days or weeks while seeking work.

The ages of the children received in this institution range from 18 months to 14 and 15 years. In the present month of July there are 51 children in the home—25 boys and 26 girls. Number admitted during the year, 155.

The mothers of two-thirds of the children are working women. One-third of the children in the home are motherless and placed here by their fathers. Those parents that are able pay for their children's board, from 25 to 50 cents per week, whatever they can afford. The highest board, $1.50 per week, has been paid by some of the fathers.

During the year 1890, 30 children ranging in age from 6 months to 13 years have found homes in Missouri, Kansas, Indiana and Pennsylvania. The youngest of these were from the infants' department on Tracy street; 7 of the 30 have been legally adopted.

THE INFANTS' HOME.

Twenty-first and Tracy-sts.

This home was established in December, 1890, by the W. C. A. It was intended as a home for abandoned infants. A kind friend gave the free use of the property, which consists of a large, old-fashioned house surrounded by four acres well-filled with fruit-trees, shrubbery and grape-vines. Besides the free use of the house and grounds, the donor added $30 monthly toward expenses and $200 for repairs.

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Number of infants per month cared for average 12, most of whom have been under one year of age. Besides these infants, 21 children between the ages of five and six have been sheltered in this home since March. The mothers of three of these children left their children in the home only during the day while they were working, and the mothers of the remaining 18 were deserted wives who placed their children in the home for a few weeks or months while working in families. Those who were able paid $1 per month board for these children.

Owing to the condition in which the abandoned infants are born, the mortality among them is very great.

CHILDREN'S FREE HOSPITAL,

Eighteenth and Wyandotte streets.

The children's free hospital was established in July, 1890, by citizens of this city, and is kept up by private subscriptions.

The object of this hospital is to provide a place for the care, treatment and cure of maimed or diseased children whose parents or friends are unable or unwilling to provide for them, and to furnish necessary surgical and medical care and treatment.

The present building occupied as hospital is a rented residence of eight or nine rooms, which accommodations are insufficient. This building, however, is only a beginning. A building fund has been started for a model children's hospital.

Ages of children received in this hospital range from 2 to 12 years.

Number received during the past year, 38. Number discharged as relieved or cured, 28. Deaths, 2. Present number in the hospital, 18.

Some of the children have been abandoned or have no parents, others have mother or father. The mothers are working women, mostly domestics.

Besides the Matron, who is a trained and experienced nurse, there are three other nurses and a cook.

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ORPHAN ASYLUM.

The Sisters of St. Joseph own a large building with 11 acres of land on 30th and Jefferson streets, in the suburbs of Kansas City. Here they established an orphan asylum sone nine years ago.

Orphans and half orphans are received in this asylum, and those parents that are able, pay something for the children's board, from $2 to $4 per month. Most of the mothers are working women, domestics and laundresses, whose children are cared for while they earn a living.

The ages of the children range from 2 to 17 years. Those that have mother or father are often abandoned, in which case the children are kept in the asylum until prepared to earn their living.

Present number of girls in the asylum, 65. No boys received here.

WOMAN'S REFUGE.

The Woman's Refuge, established in 1885 by a branch of the W. C. T. U., is a home for friendless and unfortunate women. The class intended to be aided were tempted and betrayed women and deserted wives. But besides the regular inmates, many calls have been made upon this institution by transient guests—women who are strangers in the city and have spent their last cent. These women are sheltered until work is found or friends heard from. All in the home who are able to work are expected to share in the household and laundry work. The expenses of the home are paid partly by the income derived from the laundry work done by the inmates, who earn about $61 per month. But the greater part of the expenses are provided by personal solicitations and assistance given by the Provident Association and the county court. The expenses of the institution average $216.22 per month. The monthly receipts from all sources average $226.19.

The home is situated in a pleasant neighborhood, and is a nice looking double brick house of 22 rooms, provided with every convenience and furnished very plainly, but comfortably and neat, and with surroundings that are refined.

Constant efforts are made to help the unfortunate class to a better and more cheerful state of mind. This is accomplished through religious services and proper amusements. New names are given them

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upon entering the institution, and everything is done to help them to drop the old life. These women are required to remain in the home one year after their confinement, and upon entering the home they sign an article to that effect. At the end of the year, if worthy, they are given references and provided with places where they can support themselves and children. Homes are found for those infants whose mothers are unable to support them. The mothers are encouraged to keep their babies, as it is believed that mother-love will tend to make them abhor the evil and turn to that which is good.

Fully one-half of the reformatory class have been under 20 years of age. Nearly all were homeless. Many have been cast out at an early age by unfeeling parents to earn a livelihood. Most of this class have been domestics in private families and boarding houses.

Married women who are unable to pay $25 for attendance during their illness are expected to remain in the home three months to cover these expenses. Fully one-third of the maternity cases are deserted wives. These wives also, are if possible provided with places.

During the past year 100 women have been sheltered in this home. Forty of these women were of the reformatory class and the remainder were deserted wives and other unfortunate women. During the year 40 women have been provided with places, and more than half of this number were married women. Twenty-seven births during the year, and 9 of these mothers were married women. Five deaths among the infants during the year. Seven infants adopted. Average number of infants per month in the nursery, 17. Average number of women per month, 27. Present number of women in the home, 10.

RULES OF THE HOME.

1. Inmates of the home shall give instant and uncomplaining obedience to the Superintendent, and those inmates who are able to work shall have daily employment.

2. Inmates must treat each other with kindness. They must not repeat to each other the history of their past lives, and they must be chaste in language and deportment, avoiding any unladylike conduct.

3. Inmates must keep themselves neat and cleanly in person, taking baths at the regular, appointed times. They are not allowed to use tobacco, opium or intoxicants of any kind, to prescribe medicines for themselves or each other, neither shall they give or borrow articles of clothing.

4. Inmates shall not visit the hospital rooms, the nursery, kitchen or laundry only when detailed there on duty. Neither must they stop at any of these doors for conversation, use the front stairs or lunch between meals.

5. No letter-writing or other communication with outside parties shall be permitted without the consent of the Superintendent, whose duty it is to examine each letter sent or received. She must also inspect all literature before submitting it to the inmates, and she must exanine all trunks and parcels that are brought to the Refuge.

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6. Inmates shall not leave the Refuge without the Superintendent's permission, nor can any inmate withdraw from the Refuge without consent of the Superintendent.

7. Inmates must be punctual in observing the rising and retiring hours, time for meals and for all religious services.

8. Inmates must not visit each other's rooms, and there must be no gossip or scandal talk in the Refuge. All complaints must be brought to the Superintendent.

9. No visitors shall be admitted to the Refuge without the consent of the Superintendent, and all employes of the Refuge shall come under her authority.

10. Each inmate shall be required in turn to lead the weekly prayer meeting on Friday evening. Rising bell, 5:30 a. m. Breakfast, 6:30 a. m. Dinner, 12 m. Silent hour from 3 to 4:30 p. m. (The silent hour is no longer enforced). Supper, 5:15 p. m. Prayer, 7 p. m. Retiring hour, 8:15 in winter. Retiring hour, 9:15 in summer.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

Kansas City is the headquarters of the Young Women's Christian Association of Missouri, a part of the international association of the same name.

The object of this Association is the organization and development of Young Women's Associations for the promotion of the social, physical and spiritual condition of young women.

Since January last, this Association has rented a floor in the fifth story of a new building at 1013 Walnut street. Elevator to building. There are five pleasant rooms, well lighted and ventilated, fitted up as parlor, library and reading room, these three all in one room; gymnasium, office, directory, employment and information bureau, the last three also in one room; and the noon rest and luncheon room in one apartment. The object of this place is to provide means for the social, physical, intellectual and spiritual enjoyment and development of all the young women of Kansas City who will use the rooms and avail themselves of the privileges of the Association.

In these rooms are carried on the religious meetings Sunday afternoons and Wednesday evenings. Here also are given the practical talks once every two weeks, alternating with entertainments and socials.

Any woman of good moral character can join this Association and enjoy its privileges by the payment of an annual fee of $1 for regular privileges, which are use of books, papers and magazines, of parlor noon rest, invitations to socials, receptions and practical talks; $5 per year for full privileges, which include the regular privileges, with educational classes, free admission to all entertainments held in the rooms, with full privileges in the gymnasium. The junior depart-

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ment is open to any girl of good moral character between the ages of eight and sixteen years. The full privileges of this department are $3 per year; limited privileges 50 cents per year. The privileges are use of reading room, library, lunch room, games, gymnasium, and invitations to entertainments and socials.

Total number of members belonging to Kansas City association, 260, of which more than half are self-supporting women, employed as saleswomen in dry-goods stores, book-keepers, stenographers and type-writers, nurses, clerks, etc., etc.:

Number of women enjoying the full privileges	125
" " " regular privileges	110
" " " junior full privileges	25
Total	260

In the gymnasium class are 90 adults and 28 juniors. Half the class are working women and the other half are young married women and young ladies of leisure. The charges for the gymnasium alone are $5 per year for women and $3 for girls. "This gymnasium is one of the finest for ladies' work exclusively that is to be found in the West. It is fitted up with developing appliances and apparati which are especially adapted to the cultivation of strength, grace and symmetry." During the warm weather lawn tennis and outing clubs are substituted for the gymnasium; 75 per cent of those belonging to these out-door clubs are working girls; 28 belong to the lawn tennis and 40 to the outing club.

THE NOON REST AND BOARDING-HOUSE REGISTER.

A pleasant room, set with lunch tables, is open between the hours of 11:30 a. m. and 1:30 p. m. for the use of any woman who wishes to bring up her lunch and eat it amid pleasant surroundings.

Ladies in charge will serve hot coffee, cocoa or tea at 5 cents a cup, or will sell six tickets for 25 cents. The use of the stove is at the disposal of any one who would like to boil eggs or do some such cooking.

A boarding-house register, which contains a list of boarding-houses whose character has been inquired into, where will be found desirable rooms and board at reasonable and various prices. Those desiring roomers and boarders can register free of charge.

The noon rest and lunch-room have been established since March. During the present summer months from 30 to 40 girls and women per day have been coming here with their lunches.

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Also for the use of the tired woman as a noon rest, is the pleasant parlor with the extensive views from the windows, the restful rocking chairs, the library of choice books and the numerous papers and current magazines scattered over the large table. But working women have time for only a hurried lunch, and can not stop long enough to enjoy these luxuries.

EMPLOYMENT BUREAU.

Employers registering at the Bureau will be furnished with competent clerks, stenographers, seamstresses, housekeepers and servants.

Terms of registration, $1.00 in advance, good for one month. Money refunded at the end of the month if the Bureau is entirely unsuccessful in filling the position.

Any young woman who can furnish good references as to her character, ability and experience, will be placed in a good position if possible to obtain such for her.

Terms to applicant, fifty cents in advance, good for one month, which will be refunded if she is not placed in a position.

Hours, 9:00 a. m. to 6:00 p. m.

From 70 to 80 women per month apply for work in families; from 8 to 9 for clerical work and 3 for sewing. Orders for domestics average 30 per week. Orders per month filled average 70. Orders for clerical people average 1 per month, for seamstresses 3. About 5 per cent of the orders for domestics are from outside points. The managers of this bureau are very careful in inquiring about the character of places where they send the women.

DIRECTORY FOR NURSES AND INFORMATION BUREAU.

Hours from 9:00 a. m. to 6:00 p. m.

The Directory for nurses supplies persons with experienced and trained nurses. Also persons who will both take care of a sick person and assist in the care of the house. There is no charge to the applicant for such service. Nurse's annual registration fee $1.00.

In the office will be found maps and city directory. Questions will be very cheerfully answered, and strangers will be directed to different points in the city.

Number of nurses registered 25, all of whom have had a call within three months since this directory has been organized. Their names are retained on the registry during the year for which they have paid the registration fee, and they are required to report at this place whenever they finish an engagement.

The average attendance at religious meetings would number 25 per service.

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THE YOUNG WOMEN'S CHRISTIAN HOME.

A boarding home for working women, situated on Eleventh and Troost streets, is another feature of the Y. W. C. A. This Home was established in 1888. It is a pleasant, home-like boarding place, with reasonable rates of board for self-supporting women resident in the city, or for women who are strangers in the city. Women who are unable, temporarily, to pay any board, are allowed to remain here free of charge until able to pay board or return to their friends.

The house contains 22 bed-rooms, all furnished nicely, of good size and well ventilated. There are three sitting-rooms, furnished neatly, and with surroundings that are pleasant and refined. In one of these rooms is a piano, in another an organ. The piano is rented, some of the boarders contributing from 5 cents to 25 and 50 cents per month, according to what they can afford.

There are accommodations for 38 boarders. During the present summer season the house is crowded to its full capacity. The rates for board are $2.50 for four in a room; $2.75 for three in a room, and $3.50 for two in a room. Occupants are not expected to care for their rooms. This boarding home is not self-sustaining.

The boarders consist of self-supporting women earning from 50 cents to $2.50 per day.

OCCUPATIONS OF BOARDERS NOW IN THE HOUSE.

11 stenographers.
5 saleswomen.
2 employed by dentists.
1 employed by a photographer.
4 students in commercial and short-hand college.
7 dressmakers.
1 housekeeper.
2 strangers in city unemployed.
1 book-keeper.
1 factory girl (mattress factory).
1 public school teacher.
1 cooking school teacher.
1 laundry woman.
Total, 38 boarders.

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The Y. W. C. A. have not as yet established a depot matron, bu in the ladies' toilette and waiting rooms at the Union depot are large placards on which is written the following notice:

To all young women traveling alone:

If you desire a safe and comfortable boarding house, you can find such at the Young Women's Christian Association, Troost avenue and Eleventh street. Any young woman telegraphing to the Association can be met at the depot by the Secretary, whom she will recognize by her badge of office.

MRS. JAMES H. AUSTIN,
President Young Women's Christian Association.

SALVATION ARMY HOME FOR WOMEN.

This Home for unfortunate women, situated in a pleasant locality, 1722 Indiana avenue, was established on the 15th June, 1891. It is managed by the jail committee of the Salvation Army, and its expenses sustained by dues from the members of the army, as well as subscriptions from individuals and churches.

The Salvation Army in Kansas City numbers between thirty and forty soldiers, and is divided into five corps. The jail committee consists of one corps.

The object of the Salvation Army Home is to help the unfortunate—those who have fallen or are in danger of falling, and are in need of a home and friends. The inmates can remain in the Home as long as they need its shelter, and until they are prepared to honestly earn their living or return to friends. While in the Home they are taught how to do sewing and household work, that they may be prepared to earn their living when they leave the Home.

At present time, not yet one month since established, there are four inmates in the Home, three women and one child, the latter belonging to one of the inmates. There are accommodations in the Home for twelve persons. The house has nine rooms, and will accommodate twelve persons. Rent of house, $15. At present, the rooms are very bare, containing only bare necessities. Bed-room floors are bare, and a bed in the corner of room is only article of furniture.

Besides the inmates, there are a Matron and nurse, both of whom are soldiers in Salvation Army. The inmates are expected to share in the household work.

Following are rules of the Home:

RULES.

1. No inmate is allowed to use any slang or street phrase.
2. No inmate of the Home shall be permitted to leave the Home except in company with some member of the society.

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3. No inmate of the Home shall be permitted to receive company except in presence of the Matron.

4. All articles of clothing and other property of inmates brought into the house shall be submitted to the inspection of the Matron.

Other rules will be added as the need for them is recognized.

Following is a copy of card distributed by Salvation Army:

CORDIAL INVITATION.

Any girl who feels dissatisfied with her present life, and would like to be better, will find kind friends and a home, by calling and presenting this card to Mrs. A. D. Short, 1722 Indiana avenue.

You will be welcome.

"For God so loved the world that he gave his only begotten Son, that whosoever believeth in Him should not perish, but have everlasting life." John iii, 16.

THE SISTERS OF MERCY BOARDING HOME FOR WORKING WOMEN.

The home for working women at 510 East Sixth street, is conveniently situated for those having employment in the business parts of town. Was established in 1887 by the Sisters of Mercy, who wished to provide a respectable boarding place for working women with small earnings. The charges for board are $3, $3.50 and $4 per week, with three, two and one in a room. There are 28 rooms in the house, and accommodations for 35 boarders. During the entire year, 350 boarders have been received. During the winter season there are from 30 to 32 boarders, and during the summer months from 18 to 21. During the entire year board has been given free of charge to from 10 to 12 women who were unable to pay anything, and remained in the home while seeking employment or waiting to hear from home or friends.

Among the boarders are stenographers and type-writers, bookkeepers, saleswomen, seamstresses, dress-makers, laudresses and domestics.

This is not an employment agency, yet persons desiring domestic help often call here inquiring for the same, knowing that domestics out of work board here. There are from 10 to 15 orders per month, and twice that number of domestics desiring places. Employers are charged $1, but domestics nothing.

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THE HOUSE OF THE GOOD SHEPHERD.

The Good Shepherd of Kansas City is a branch of the same order in St. Louis, and has been established in this city for four years. The house is pleasantly situated in the suburbs of the city, is a large modern brick building in the midst of extensive grounds, with plenty of conveniences and out-buildings.

There are no fallen women in this home. With the exception of a few women who are sent here by the police matron to be cured, if possible, of drunkenness, the inmates are mostly girls between the ages of 4 and 21 years. They comprise two classes, the preservative and the penitent. The preservative class consists of girls who are sent here by their parents for safe-keeping and to be educated, the parents being so situated that they cannot give them proper care and training. They are usually half orphans, one parent being dead. These girls are kept here until the parents take them away, which some never do. In the latter case the girls remain until of age or until prepared to earn their own living, at which time they are provided with employment in the outside world. There are 65 of the preservative class, of which four only pay for their board and schooling; 20 of this class have been admitted to the institution since January 1 of the present year, and 8 have been returned to their homes.

The penitent class consists of girls from 12 to 18 years of age who are considered incorrigble; they have run away from home, or have in some other way proved unmanageable, or have been drawn into evil ways through bad associates. They remain here one year or more, according to the wishes of their parents or guardians. These girls do laundry work and sewing for factories, the income from which work helps toward keeping up the institution. But the institution is not as yet self-sustaining. The penitent class numbers 58 girls, 19 of whom were admitted since January of the present year. During the entire year, 89 incorrigibles were sent to this place by the Humane society. Since January, 7 of the penitent class have been returned to their homes, and one has escaped.

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HOME FOR THE AGED (COLORED).

On Vine, near Fourteenth street, is a frame cottage of seven rooms, occupied as a home for aged colored women. This home was established two years ago by some charitable people, and has been kept up ever since by donations and subscriptions from the charitably disposed. Is a shabby, poor-looking place on the inside, but shelters six old colored women, some of whom, with the help of an old colored man, manage to do the work of the house.

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CHILLICOTHE.

THE STATE INDUSTRIAL HOME FOR GIRLS.

The following is taken from Superintendent's report:

The State Industrial Home for Girls was established by the Legislature of 1887, and modeled somewhat after the Michigan institution located at Adrian. This institution was located by the Governor, Attorney-General and Register of Lands, as provided in the law of establishment.

The location decided upon by these State officials seems to be all that could be desired. In a fine and healthful part of the State, easy of access by railway and near enough for market purposes to the growing city of Chillicothe.

In January, 1889, the building being completed, the Board announced the Home ready for the reception of girls—Mrs. Julia S. Vincent, a former member of the Board, being elected Superintendent.

The building provided by the State for this work is a beautiful and imposing structure, built of brick, upon a stone basement, and will accommodate about forty inmates. Besides a fine-looking building, it has the conveniences for the work for which it was planned.

The scope and aims of the Board are well set forth in the following extracts from the establishing act:

1. The Home will be conducted on the family or cottage plan, where girls from seven to seventeen years of age, removed from vicious associates and evil influences, may receive a careful physical, intellectual and moral training, and such non-sectarian religious instruction as may be prescribed by the Superintendent; participate in the enjoyment of a true home life; be reformed and become good domestic women, prudent in speech and conduct, cleanly, industrious and capable housekeepers.

2. While intellectual training will be a prominent feature in the management of the Home, the teaching of all domestic industries (which shall take precedence of trades) shall constitute the leading feature in such management, and shall consist of a thorough education in every branch of household work.

The management of the Home is under the superintendency of Miss Emma M. Gilbert, a lady of rare ability and aptness for this kind of work, having had six years' experience as assistant superintendent in the Michigan Industrial Home for Girls at Adrian, Michigan.

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THE AMENDED LAW.

Sections 5760 and 5769 of article 6, chapter 88 of the Revised Statutes of 1889 are hereby repealed, and the following two new sections are enacted in lieu of same:

SEC. 5760. Every girl over the age of seven years and under the age of seventeen years, who shall be convicted of being a vagrant, or of any offense not punishable with death or imprisonment for life, may, except in cases deemed incorrigible, be sentenced to said industrial home—such sentence to be approved by the circuit or probate judge before committal, and the age of the girl so committed to be indorsed on the commitment. Any female child may be bound as apprentice to said industrial home for girls as to any other master, and subject to the same provisions of law as are now or may hereafter be in force.

SEC. 5769. For the support of the inmates of said industrial home, each county shall pay at the rate of seventy-five dollars per annum for every individual sent from such county as apprentice or otherwise—payment thereof to be made quarterly in advance, the money so paid to be received by the superintendent of said home in trust for the board of control, and expended by its direction.

The claim is made that as the law stands a girl must be convicted of a crime committed in order to make her admissible in the institution. If that is the proper rendering of the law, then I believe it is the duty of your body to ask at the coming session of legislature an amendment to the law. I would like to see the law so amended that more of the younger class of girls, and those not yet hardened in crime, could be sent here for training, and the more hardened cases left outside—girls hanging about the streets, saloons or gambling places, those incorrigible or wayward, and all such girls as by their surroundings and associations are being either driven or led into sin. Then the limiting ages should be rather from six to seventeen, than from seven to twenty.

The real objects of this institution I take to be the two, the reformation of character of those who are guilty of crime, and the protection of those who would, without some help, be soon in the wrong way.

During the year 1889 but seven girls were received at the Home; but four in 1890.

They were received as follows:

1889.	February	1	1890.	January	1
	May	1		March	1
	June	1		June	1
	August	3		December	1
	October	1		Total	11

Average number maintained in 1889 ..... 3.3
" " " 1890 ..... 8.8

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Of the eleven received, one was placed out in a home, and has since been discharged. Another was adjudged insane, and by her county sent to the asylum.

The girls already received were from counties as follows:

Cooper	1	Linn	1
Grundy	5	Livingston	1
Lawrence	1	Nodaway	1
Lewis	1	Total	11

Of the girls committed, the ages were as follows:

At 8 years	1	At 15 years	1
At 11 "	1	At 16 "	2
At 12 "	1	At 17 "	2
At 13 "	1	At 18 "	1
At 14 "	1	Average age	14

Below is a dietary for inmates used at present:

BREAKFAST.

Oatmeal, hash or warmed potatoes, bread, milk or coffee.

DINNER.

Monday—Beef soup, vegetables, white bread.
Tuesday—Beef stew, vegetables, graham bread, pickles.
Wednesday—Vegetable soup, white bread.
Thursday—Corn beef, corn bread, vegetables.
Friday—Fish, vegetables, bread, pickles.
Saturday—Bean soup, vegetables, bread.
Sunday—Baked beans and bacon, vegetables, white bread.
Pie or pudding twice a week.

SUPPER.

Monday—Oatmeal, bread, milk or syrup.
Tuesday—Graham mush, bread, milk or syrup.
Wednesday—Rice, bread, milk or syrup.
Thursday—Hominy, bread, milk or syrup.
Friday—Bread, butter, milk, tomatoes.
Saturday—Corn meal, mush, bread, milk or syrup.
Sunday—Bread, butter, cake or cookies.
Fruit as often as we can.

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FURTHER GENERAL RULES AND INSTRUCTIONS.

Every inmate of the home shall be required, when in health, to employ a portion of each day in some work, and when a girl has been placed in a particular department of work or in school, she shall not be detained from her work or school by any person without a special order from the superintendent.

Punishment may be inflicted on the inmates for violation of rules or disobedience of orders, by the deprivation of amusement or recreation, by withholding some favorite article of food or some privilege or indulgence, or by loss of rank or standing in class; by sending to bed out of time, by imposing some irksome duty and by close or solitary confinement for a limited period; and not otherwise except by direction of the superintendent.

The manners and conversation of the girls should be strictly observed; and boisterous, rude and uncivil acts or loud and angry talking must not be permitted.

No keys are to be entrusted to the girls, unless to be immediately used and returned.

The girls should always be in charge of an employe, who must always know where each one is.

Cleanliness of person and neatness of dress should be constantly enforced. The utmost cleanliness must be required throughout the premises.

Every girl should have a specified duty for each day, and all duties must be performed promptly and thoroughly.

A record of the time, manner and circumstances of each case of solitary confinement or other greater punishment must be kept by the cottage manager. Girls locked up should be prevented communicating with the others.

No visitor shall be allowed to hold any communication with the inmates without permission of the superintendent, and then only in the presence of an officer or employe at the time in charge.

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EARNINGS AND EXPENSES OF WORKING MEN COMPARED.

In getting statistics on the earnings and expenses of working men, a comparative showing is made between a certain number employed in a large country manufacturing establishment, and a like number in a city establishment of the same kind.

The St. Charles car-shops, located at St. Charles, Mo., and the Missouri Pacific car-shops, located at St. Louis, Mo., are the establishments from which a detailed statement is taken of earnings and expenses of 75 workingmen from each of the above-named places. Considerable discussion has arisen from time to time as to whether it was cheaper for a working man to live in the country or city, and from an examination of the following tables, some light may be thrown on the subject.

It was an easy matter to get the earnings of the 75 working men at each of the above establishments for the year 1890 (the time considered), as the pay-rolls showed the exact amount earned by each employe. An agent of the Bureau visited the different families, and obtained from the husband and wife an itemized expenditure during the year for food, clothing and sundries. Considerable trouble was experienced by the agent in getting answers to these questions; but by judicious questioning, complete answers were obtained on all points desired. An examination of the following tables will show the earnings and expenses in detail, as well as a comparative showing.

In the column with the heading, "Balance amount spent for living other than food during year," includes the items insurance, furniture and utensils, religion, charity, sickness and sundries. The amount spent for each of these items is given in the individual budgets that follow these tables. The column with the heading, "Balance amount spent for food during year," includes flour, sugar, coffee, milk, eggs, miscellaneous, and the amount spent for each of these items will appear in the individual budgets which follow these tables.

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TABLES SHOWING CONDITIONS

—OF—

ST. CHARLES AND ST. LOUIS CAR-SHOP EMPLOYES.

1. Numerical Conditions.

	St. Charles.	St. Louis.
Number of individuals in 75 families	319	277
Number of persons over 14 years of age	173	166
Number of children under 14 years of age	146	111
Average number of individuals to a family	4.25	3.7
Average number of supporters to a family	1.3	1.2
Percentage the individuals over 14 years of age bear to the whole number	54.25	59.5
Percentage the children under 14 years of age bear to the whole number	45.75	40.5

In 75 families of St. Charles car-shop employes there are 35, or 31.5 per cent, more individuals under 14 years of age than in the same number of families of St. Louis car-shop employes.

2. Annual Net Earnings of St. Charles and St. Louis Car-shop Employes.

	St. Charles	St. Louis.
Average annual net earnings of head of family	$571 85	$695 35
Average annual net income of a family	619 35	742 20
Average annual net earnings of head of family, the foremen not considered	538 05	683 15
Average annual net income of a family, the foremen not considered	582 60	724 45

A St. Louis car-shop employe earns 27 per cent higher wages than those earned by the men in the same industry in St. Charles, and enjoys an annual income that is 24 per cent higher than the income of a St. Charles car-shop employe.

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3. Annual Cost of Living, other than Food, St. Charles and St Louis Car-shop employes .

	St. Charles.	St. Louis.
Average annual rent per family	$120 00	$111 00
Average annual expense for fuel and lighting per family	32 75	33 90
Average annual expense for clothing for family	134 55	111 10
Average annual expense for books and newspapers	4 45	7 05
Average annual amount spent for amusements per family	25 40	32 60
Percentage the rent bears to the income	19.50	15.
Percentage the expense for clothing bears to the income	21.66	15.
Percentage amount spent for amusements bears to income	4.	4.50

The annual rent per family is 8 per cent higher in St. Charles than St. Louis.

For clothing a St. Charles car-shop employe pays 21 per cent more per year per family than a St. Louis man in the same work. Per individual per year, this excess for St. Charles is reduced to only 3 per cent. The St. Charles car-shop employe, however, pays for his personal clothing 29½ per cent more than his St. Louis brother workman.

4. Annual Cost of Food per Family.

	St. Charles.	St. Louis.
Average annual amount per family spent for meat, lard and butter	$78 40	$99 80
Average annual amount per family spent for potatoes and vegetables	18 25	30 25
Average annual expense for liquor and beer	23 80	27 30
Total amount spent for food	214 10	276 60
Percentage the total amount spent for food bears to the annual income	34.25	37.25
Percentage the amount spent for meat, lard and butter bears to the annual income	12.66	13.50
Percentage the amount spent for meat, lard and butter bears to the total amonut spent for food	36.50	36.
Percentage the amount spent for liquor and beer bears to amount spent for food	11.	10.
Percentage the amount spent for liquor and beer bears to the annual income	3 80	3.66

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For meat, lard and butter a St. Louis workman pays 27¼ per cent more a year per family than a workman in St. Charles. Most of the St. Charles workmen either fatten or buy hogs, and put up their own hams, bacon and salt meat. The above showing for St. Charles would be even more favorable but for the high price of corn in the fall of 1890, which prevented many families, that had done so in other years, from fattening hogs last year.

Potatoes were an entire failure in 1890 on account of the drouth, which also affected the vegetables, which yielded only 50 per cent of an average crop. The expense for potatoes and vegetables was 66⅔ per cent higher in St. Louis than in St. Charles. This proportion will scarcely be changed by abundant crops, as the extra amount had also to be defrayed by St. Louis workmen. The average price for potatoes is 75 cents per bushel instead of $1.40, as last winter.

5. Balance.

	St. Charles.	St. Louis.
Average total cost of living per year and family	$562 75	$651 10
Percentage above total bears to the income	90.75	87.75
Average annual surplus per family	62 45	96 25
Percentage the surplus bears to the income	10.	13.

The total annual cost of living per family in St. Louis is 15⅔ per cent higher than in St. Charles. The total annual income, however, being 24 per cent higher in St. Louis, the balance is in favor of the latter place.

The annual surplus in a St. Louis workman's family is 50 per cent greater than the surplus in a St. Charles workman's family.

6. Annual Income and Expense of St. Charles and St. Louis Car-shop Employes considered per individual and per year.

	St. Charles.	St. Louis.
Average annual income	$145 60	$200 00
Average annual cost of living other than food	81 95	101 40
Average annual cost of food	50 35	74 90
Total annual cost of living	132 30	176 30
Average expense for clothing	31 65	30 05
Average expense for rent	24 55	30 90
Average annual amount spent for meat, etc	18 45	27 00

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ANNUAL INCOME AND EXPENSE—Continued.

	St. Charles.	St. Louis.
Average annual amount spent for liquors and beer.....	$5 60	$7 40
Average annual surplus.....	13 30	23 70
Percentage cost of living other than food bears to income.	56.25	50.75
Percentage cost of food bears to the income.	34.50	37.50
Percentage amount spent for clothing bears to income....	21.66	15.
Percentage the amount spent for rent bears to the income.	16.75	15.50
Percentage amount spent for meat, etc. bears to income...	12.66	13.50
Percentage amount spent for liquor and beer bears to the income.....	3.75	3.66
Percentage the annual surplus bears to income.....	9.	11.33

GENERAL CONDITIONS.

Of 75 car-shop employes interviewed in St. Charles—

6 were from 20 to 25 years of age.
19 were from 26 to 30 years of age.
32 were from 31 to 40 years of age.
18 were from over 41 years of age.

Total, 75

Of 75 car-shop employes interviewed in St. Louis—

8 were from 20 to 25 years of age.
17 were from 26 to 30 years of age.
33 were from 31 to 40 years of age.
17 were from over 41 years of age.

Total, 75

Of 75 families of St. Charles car-shop employes—

22 occupy 2 rooms each.
26 occupy 3 rooms each.
14 occupy 4 rooms each.
6 occupy 5 rooms each.
5 occupy 6 rooms each.
2 occupy 7 and 8 rooms each.

Total, 75

Of 75 families of St. Louis car-shop employes—

1 occupies 1 room.
18 occupy 2 rooms each.
39 occupy 3 rooms each.
10 occupy 4 rooms each.
5 occupy 5 rooms each.
2 occupy 6 rooms each.

Total, 75

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Of 75 families of car-shop employes visited in St. Charles—

46 occupy houses entirely to themselves, with gardens large enough to raise all the vegetables and part of the potatoes required by the family.

10 occupy houses entirely to themselves and without gardens.

8 occupy part of houses without gardens.

11 occupy flats on second floor of houses.

Of 75 families of St. Louis car-shop employes—

12 occupy houses entirely to themselves, with garden and large yard.

23 occupy from 2 to 3 rooms on first floor of tenement houses.

34 occupy from 2 to 3 rooms on the upper floors of tenement houses.

5 occupy small houses entirely to themselves, with yard, but no garden.

1, a Hungarian, occupies 1 room on the fourth flour of a large tenement house.

Of 75 St. Charles car-shop employes—

32 carry a life insurance of from $125 to $5,000 each.

Of 75 St. Louis car-shop employes—

40 carry a life insurance of from $150 to $3,000 each.

Of 75 St. Charles shop employes—

45 were born in the United States.
22 were born in Germany.
6 were born in England.
1 was born in Sweden.
1 was born in Ireland.

Total, 75

Of the 45 born in the United States—

25 were of German parentage.
2 were of Irish parentage.
18 were of American parentage.

Total, 45

Of 75 St. Louis car-shop employes—

35 were born in the United States.
27 were born in Germany.
4 were born in England.
5 were born in Ireland.
4 were born in Denmark, Hungaria, Poland and Bohemia.

Total, 75

Of the 35 born in the United States—

16 were of German parentage.
7 were of Irish parentage.
11 were of American parentage.
1 was of English parentage.

Total, 35

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FAMILY BUDGETS.

ST. LOUIS.

AXLE TURNER.

CONDITION.—Family of three, parents, one daughter, aged 2 years. Occupy two rooms and kitchen over a store; rooms are plainly furnished, kitchen and bed-room bare floors, front room has plain ingrain carpet. Husband and wife are of German descent.

Earnings of husband...	.....	$714 00	Meat.....	$68 00	
			Lard.....	5 00	
COST OF LIVING.			Butter.....	19 40	
			Eggs	5 60	
Rent.....	$120 00		Flour	22 50	
Fuel.....	24 00		Milk	18 25	
Lighting.....	9 00		Coffee..	15 60	
Life insurance, husband	18 00		Sugar.....	10 00	
Clothing for husband..	35 00		Potatoes.....	7 50	
Clothing for wife.....	26 00		Vegetables...	18 25	
Clothing for one child..	18 00		Miscellaneous.....	24 00	
Furniture and utensils.	4 00		Beer.....	10 40	
Religion	2 00				
Charity	1 00		Cost of food.....	.....	$224 50
Books and newspapers.	5 60		Expenses other than food..	.....	354 35
Sickness.....	23 75				
Amusements.....	40 00				
Sundries.....	28 00		Total cost of living..	.....	578 85
Expenses other than food.....	.....	354 35	Surplus*.....	.....	135 15

*Paid $120 to building association.

TINNER.

CONDITIONS.—Family of four—parents, two daughters, aged 1½ and 3 years Occupy three rooms of a new brick house; front room is carpeted, furniture is plain. Husband and wife are German.

Earnings of husband..	.....	$712 60	Meat.....	$54 00	
			Lard.....	6 00	
COST OF LIVING.			Butter.....	13 00	
			Eggs.....	6 40	
Rent.....	$132 00		Flour.....	16 80	
Fuel..... ...	26 00		Milk.....	18 25	
Lighting.....	8 00		Coffee.....	12 00	
Life insurance, husband	18 00		Sugar.....	12 00	
Clothing for husband..	54 00		Potatoes.....	7 50	
" wife	26 00		Vegetables.....	18 25	
" 2 children.	24 00		Miscellaneous.....	22 00	
Furniture and utensils.	4 00		Beer.....	36 50	
Religion.....	7 50				
Charity.....	2 00		Cost of food	.....	222 70
Books and newspapers.	2 00		Expense other than food.....	.....	357 50
Amusements.....	20 00				
Sundries...	34 00		Total cost of living..	.....	580 20
Expense other than food.....	.....	357 50	Surplus*.....	.....	132 40

* Paid $120 to building association.

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TINNER.

CONDITIONS.—Family of four—parents and one daughter aged 2½ years, one son aged 6 months. Occupy upper floor of a flat, plainly furnished, kept neat and clean. Husband and wife are German, intelligent and economical.

Earnings of husband ..		$766 80	Meat	$73 00	
			Lard	8 00	
COST OF LIVING.			Butter	32 50	
			Eggs	6 00	
Rent	$120 00		Flour	19 60	
Fuel	24 00		Milk	12 00	
Lighting	7 00		Coffee	31 20	
Life insurance, husband	36 00		Tea	1 20	
Clothing for husband..	42 00		Sugar	12 00	
" wife	14 00		Potatoes	10 40	
" 2 children	22 00		Vegetables	18 25	
Furniture and utensils.	5 00		Canned goods	6 00	
Charity	6 00		Miscellaneous	21 00	
Books and newspapers	10 50		Beer and wine	52 00	
Sickness	22 00				
Amusements	60 00		Cost of food	.....	$303 15
Sundries	18 00		Expense other than food		386 50
Expenses other than food		386 50	Total cost of living		689 65
			Surplus*		77 15

*Paid $60 to building association.

STEAM-PIPE FITTER.

CONDITIONS.—Family of four—parents, and two sons, aged 9 and 4 years. Occupy first floor of a flat plainly furnished. Husband is of delicate health; lost three months' wages through sickness. Husband and wife are intelligent Americans.

Earnings of husband...	.....	$478 20	Meat	$54 60	
Income, other sources.	.....	96 00	Lard	8 00	
			Butter	16 60	
Total earnings. ...	.....	574 20	Eggs	9 00	
			Flour	20 40	
COST OF LIVING.			Milk	9 20	
			Coffee	14 50	
Rent	$132 00		Tea	1 20	
Fuel	20 00		Sugar	12 00	
Lighting	7 00		Potatoes	8 00	
Life insurance, husband	42 00		Vegetables.	14 00	
Clothing, husband	36 00		Canned goods	10 00	
" wife	22 00		Miscellaneous	16 00	
" 2 children...	46 00		Whisky	20 00	
Furniture and utensils	2 00				
Religion	1 00		Cost of food	.....	$213 50
Charity	2 00		Expense other than food	.....	360 20
Books and newspapers.	5 20				
Sickness	27 00				
Sundries	18 00		Total cost of living..	.....	573 70
Expense other than food		360 20	Surplus	.....	50

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STEAM-PIPE AND AIR-BRAKE FITTER.

CONDITIONS.—Family of six—parents, two daughters, aged 3 years and 6 months, and two sons, aged 5 and 2 years. Occupy upper floor of a new brick house. Rooms are small but completely furnished. Husband and wife are of German descent, industrious and economical.

Earnings of husband...	.....	$764 00	Fresh meat	$54 00	
			Lard.	6 00	
COST OF LIVING.			Butter.....	14 00	
			Eggs.....	12 50	
Rent.....	$120 00		Flour.....	18 00	
Fuel.....	26 00		Milk.....	36 50	
Lighting	8 00		Coffee.....	18 00	
Life insurance, husband	38 00		Sugar	12 00	
Clothing for husband..	48 00		Tea	1 80	
" wife.....	28 00		Potatoes.....	10 00	
" 4 children	42 00		Vegetables	12 00	
Furniture and utensils.	6 00		Miscellaneous	16 00	
Charity.....	2 00		Beer.....	4 00	
Labor organizations....	3 00				
Other associations.....	8 00		Cost of food.....	.....	214 80
Books and newspapers.	7 50		Expense other than food	.....	375 50
Sickness.....	3 00				
Amusements.....	10 00				
Sundries.....	26 00		Total cost of living..	.....	590 30
Expense other than food.....	.....	375 50	Surplus*.	.....	173 70

*Pai l $168 to building association.

CORE-MAKER.

CONDITIONS.—Family of two—husband and wife, aged 23 and 22 years. Occupy upper floor of a flat; rooms are neat and completely furnished. Husband and wife are English, intelligent, of moderate habits and economical.

Earnings of husband...	.....	$787 30	Meat.....	$73 00	
			Lard.....	9 00	
COST OF LIVING.			Butter.	18 50	
			Eggs.....	8 50	
Rent.....	$96 00		Flour	8 40	
Fuel.	26 00		Bread.....	10 00	
Lighting.....	8 00		Milk.	9 50	
Life insurance, husband	38 00		Coffee..	15 60	
Clothing for husband ..	46 00		Tea.....	2 40	
Clothing for wife	38 00		Sugar.....	14 00	
Furniture and utensils.	62 00		Potatoes.	4 50	
Religion.....	6 00		Vegetables.	14 00	
Charity	6 00		Miscellaneous.....	28 00	
Books and newspapers.	7 50				
Amusements.....	50 00		Cost of food	.....	215 40
Sundries.....	48 00		Expense other than food.	.....	431 50
Expense other than food..	.....	431 50	Total cost of living..	.....	646 40
			Surplus*.....	.....	140 40

*Paid $60 to building association, remainder on hand.

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CORE-MAKER.

CONDITIONS.—Family of two—husband and wife, aged 30 and 24 years. Occupy second floor of a flat; rooms are completely flurnished; kept neat and clean. Husband and wife are of German descent, intelligent and well educated.

Earnings of husband...	.....	$768 75	Meat.....	58 00	
			Lard.....	6 00	
COST OF LIVING.			Butter.....	15 00	
			Eggs.....	12 00	
Rent.....	$132 00		Flour.....	14 40	
Fuel..	28 00		Milk.....	9 10	
Lighting.....	9 00		Coffee.....	13 00	
Life insurance, husband	38 00		Sugar.....	12 00	
Clothing for husband ..	48 00		Potatoes.....	4 60	
Clothing for wife	44 00		Vegetables.....	36 00	
Furniture and utensils.	16 00		Miscellaneous.....	40 00	
Religion.....	2 00		Canned goods.....	14 00	
Charity	1 00		Beer.....	36 50	
Books and newspapers.	3 60				
Sickness.....	34 00		Cost of food.....	.....	270 60
Amusements	50 00		Expense other than food.....	.....	451 60
Sundries.....	46 00				
Expense other than food.....	.....	451 60	Total cost of living ..	.....	722 20
			Surplus.....	.....	46 55

CHIPPER.

CONDITION.—Family of three, parents, one son, aged 14 years. Occupy flat on first floor, new brick house, very plainly furnished; plain ingrain carpet in front room. Husband and wife are German; boy was sent to public school, will go to work next summer.

Earnings of husband...	.....	$503 00	Meat.....	$52 00	
			Lard.....	4 00	
COST OF LIVING.			Butter.....	12 00	
			Eggs.....	4 80	
Rent.....	$96 00		Flour.....	10 00	
Fuel	18 00		Bread.....	20 00	
Lighting.....	7 00		Coffee.....	12 00	
Life insurance, husband	14 00		Sugar.....	9 00	
Clothing for husband ..	28 00		Potatoes.....	14 00	
Clothing for wife.....	16 00		Vegetables.....	16 40	
Clothing for one child..	34 00		Miscellaneous	21 00	
Furniture and utensils.	4 00		Beer.....	16 00	
Charity.....	1 00				
Books and newspapers.	10 40		Cost of food.....	.....	$191 20
Sickness	21 60		Expense other than food.....	.....	275 00
Sundries.....	25 00				
Expense other than food	.....	275 00	Total cost of living..	.....	466 20
			Surplus*.....	.....	36 80

*Paid $36 to building association.

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CHIPPER.

CONDITIONS.—Family of three—father, one son aged 28 years, one daughter aged 21 years. Occupy lower floor of an old house; rooms are plainly furnished. Father is German, is too old; can not work any more. Children are intelligent, of moderate habits and economical.

Earnings of son		$519 65	Meat	$54 00	
			Lard	6 00	
Total earnings		519 65	Butter	12 00	
			Eggs	9 00	
COST OF LIVING.			Flour	21 75	
			Milk	9 10	
Rent	$84 00		Coffee	13 00	
Fuel	26 00		Sugar	10 00	
Lighting	8 00		Tea	1 80	
Clothing for husband	28 00		Potatoes	14 00	
Clothing for 2 children	82 00		Vegtables	18 50	
Furniture and utensils	4 00		Miscellaneous	20 00	
Religion	2 00		Beer	26 00	
Books and newspapers	7 50				
Sickness	3 60		Cost of food		215 15
Amusements	20 00		Expense other than food		301 10
Sundries	36 00				
Expense other than food		301 10	Total cost of living		516 25
			Surplus		3 40

CHIPPER.

CONDITIONS.—Family of three—parents and one daughter aged 4 years. Occupy rooms over stable; rooms are scantily furnished, but kept clean. Husband and wife are Bohemian.

Earnings of husband		$483 00	Meat	$54 00	
			Lard	8 00	
COST OF LIVING.			Butter	10 00	
			Eggs	14 00	
Rent	$72 00		Flour	22 00	
Fuel	21 00		Milk	18 25	
Lighting	6 00		Coffee	13 00	
Clothing for husband	34 00		Sugar	12 00	
Clothing for wife	28 00		Potatoes	6 50	
Clothing for 1 child	26 00		Vegetables	14 00	
Furniture and utensils	4 00		Miscellaneous	26 00	
Religion	5 00		Beer	50 00	
Charity	2 00				
Sickness	3 00		Cost of food		$247 75
Amusements	10 00		Expense other than food		235 00
Sundries	24 00				
Expense other than food		235 00	Total cost of living		482 75
			Surplus		25

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CASTING MOULDER.

CONDITIONS.—Family of four—parents, two daughters aged 20 and 18 years. Occupy an elegant two-story brick house of their own; son-in-law pays $11 per month for two furnished rooms and $5 per week board; house is all paid up; husband works half time. Both are German, intelligent and educated.

Earnings of husband	.....	$489 45	Meat	109 50	
" daughter	.....	227 00	Lard	14 00	
" "	.....	165 00	Butter	39 00	
Income, other sources	.....	392 00	Eggs	6 00	
			Flour	33 80	
Total income	.....	1,273 45	Milk	18 25	
			Coffee	31 20	
COST OF LIVING.			Sugar	16 00	
			Tea	1 20	
Fuel	$38 40		Potatoes	16 60	
Lighting	12 00		Vegetables	36 50	
Taxes	59 00		Canned goods	44 00	
Property insurance	3 10		Miscellaneous	56 00	
Life insurance, husband	48 00		Beer	54 75	
Clothing for husband	52 00		Wine	33 80	
Clothing for wife	40 00				
Clothing for 2 children	140 00		Cost of food	.....	$519 60
Furniture and utensils	10 00		Expense other than food	.....	665 30
Charity	4 00				
Books and newspaper	10 80		Total cost of living	.....	1,175 90
Amusements	200 00				
Sundries	48 00		Surplus*	.....	97 55
Expense other than food	.....	665 30			

*Paid $72 to building association.

CASTING MOULDER.

CONDITIONS.—Family of five—parents, two daughters aged ½ and 6 years; one son aged 3 years. Occupy flat on upper floor; rooms completely furnished, kept very neat. Husband and wife are English, intelligent and economical; belong to Methodist church; paid $50 to building fund of church.

Earnings of husband	.....	1,209 70	Meat	$92 00	
			Lard	8 00	
COST OF LIVING.			Butter	24 00	
			Eggs	12 00	
Rent	$120 00		Flour	23 80	
Fuel	31 00		Milk	36 50	
Lighting	9 00		Coffee	16 40	
Life insurance, husband	18 00		Tea	3 60	
Clothing for husband	47 00		Sugar	14 00	
Clothing for wife	28 00		Potatoes	14 50	
Clothing for 3 children	52 00		Vegetables	30 00	
Furniture and utensils	22 00		Miscellaneous	36 00	
Religion	92 00				
Charity	10 00		Cost of food	.....	$310 80
Books and newspapers	6 00		Expense other than food	.....	542 00
Sickness	11 00				
Amusements	50 00				
Sundries	46 00		Total cost of living	.....	852 80
Expenses other than food	.....	542 00	Surplus*	.....	356 90

*Paid $96 to building association. Remainder on hand.

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CASTING MOULDER.

CONDITIONS—Family of four—parents, two sons, aged ⅔ of a year and 4 years. Occupy second floor of a flat; front room is carpeted, second room is bed-room and dining-room; furniture is plain. Husband is American, wife is German descent, intelligent and industrious.

Earnings of husband	.....	$611 85	Meat	$64 00	
			Lard	6 00	
COST OF LIVING.			Butter	26 00	
			Eggs	4 50	
Rent	$120 00		Flour	16 75	
Fuel	28 00		Milk	12 00	
Lighting	7 00		Coffee	12 00	
Clothing for husband	34 00		Sugar	8 00	
Clothing for wife	36 00		Potatoes	14 20	
Clothing for 2 children	28 00		Vegetables	10 00	
Furniture and utensils	6 00		Miscellaneous	28 00	
Charity	2 00		Beer, liquor	6 00	
Books and newspapers	12 00				
Sickness	53 00		Cost of food	.....	207 45
Amusements	30 00		Expense other than food	.....	394 00
Sundries	38 00				
Expense other than food		394 00	Total cost of living	.....	601 45
			Surplus	.....	10 40

CASTING MOULDER.

CONDITIONS.—Family of two—husband and wife, aged 38 and 47 years. Occupy rooms of rear building; carpet in bed-room, comfortable and clean. Husband is German; wife is French; industrious and economical people.

Earnings of husband	.....	$704 00	Meat	$60 00	
			Lard	8 00	
COST OF LIVING.			Butter	14 00	
			Eggs	10 00	
Rent	$84 00		Flour	23 40	
Fuel	28 00		Milk	9 60	
Lighting	7 00		Coffee	15 60	
Life insurance, husband	26 00		Tea	1 80	
Clothing for husband	46 00		Sugar	12 00	
Clothing for wife	38 00		Potatoes	15 00	
Furniture and utensils	6 00		Vegetables	36 50	
Religion	1 00		Miscellaneous	24 00	
Charity	2 00		Beer, liquor	60 00	
Books and newspapers	10 40				
Sickness	12 00		Cost of food	.....	289 90
Amusements	60 00		Expense other than food	.....	364 40
Sundries	44 00				
Expense other than food	.....	364 40	Total cost of living	.....	654 30
			Surplus*	.....	49 70

*Sent $25 to relations in old country.

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CASTING MOULDER.

CONDITIONS.—Family of two—husband and wife, aged 24 and 21. Occupy two rooms of an old tenement house; rooms are plainly furnished. Both are American; industrious and economical.

Earnings of husband...	.....	1,217 85	Meat.....	$56 00	
			Lard.....	9 00	
COST OF LIVING.			Butter.....	19 60	
			Eggs.....	10 00	
Rent.....	$72 00		Flour.....	6 00	
Fuel.....	28 00		Bread.....	18 25	
Lighting.....	8 00		Milk.....	10 00	
Life insurance, husband	5 20		Coffee.....	15 60	
Clothing for husband..	65 00		Sugar.....	12 00	
Clothing for wife ...	52 00		Tea.....	3 60	
Furniture and utensils.	6 00		Potatoes.....	11 75	
Religion.....	4 00		Vegetables.....	36 50	
Charity.....	10 00		Miscellaneous.....	48 00	
Books and newspapers.	9 60		Beer.....	60 00	
Sickness.....	3 00				
Amusements.....	60 00		Cost of food.....	.....	316 30
Sundries.....	44 00		Expense other than food.....	.....	366 80
Expense other than food.....	.....	366 80	Total cost of living..	.....	683 10
			Surplus*.....	.....	534 75

* Deposited $500 in bank.

CASTING MOULDER.

CONDITIONS.—Family of four—parents, two daughters, aged 6 and 4 years. Occupy first floor of an old tenement house; rooms look neat and camfortable. Husband and wife are Irish; industrious and economical.

Earnings of husband...	.....	$597 00	Meat.....	$54 00	
			Lard.....	8 00	
COST OF LIVING.			Butter.....	22 00	
			Eggs.....	6 00	
Rent.....	$108 00		Flour.....	22 80	
Fuel.....	28 00		Milk.....	18 25	
Lighting.....	7 00		Coffee.....	12 00	
Life insurance, husband	28 00		Sugar.....	12 00	
Clothing for husband..	54 00		Potatoes.....	9 60	
Clothing for wife	34 00		Vegetables.....	14 00	
Clothing for 2 children.	52 00		Miscellaneous.....	26 00	
Furniture and utensils.	6 00				
Religion.....	4 00		Cost of food.....	.....	$204 65
Charity.....	2 00		Expense other than food.....	.....	397 50
Books and newspapers.	7 50				
Sickness.....	11 00		Total cost of living..	.....	602 15
Amusements.....	20 00				
Sundries.....	86 00		Deficit.....	.....	5 15
Expense other than food.....	.....	397 50			

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WHEEL MOULDER.

CONDITIONS.—Family of six—parents, four sons aged 5, 4, 2½ and ¾ years. Occupy lower floor of old frame cottage in bad repair; furniture is old and in bad condition. Wife is German, husband is of German descent; does not chew or smoke; both are very industrious and economical.

Earnings of husband...	.....	1.295 40	Meat.....	$94 00	
			Lard.....	6 00	
COST OF LIVING.			Butter.....	26 00	
			Flour.....	8 00	
Rent.....	$120 00		Bread.....	36 50	
Fuel.....	26 00		Coffee.....	15 75	
Lighting.....	8 00		Sugar.....	14 00	
Clothing for husband..	54 00		Tea.....	1 80	
Clothing for wife.....	25 00		Potatoes.....	14 20	
Clothing for 4 children	46 00		Vegetables.....	36 50	
Furniture and utensils.	6 00		Canned goods.....	6 00	
Religion.....	5 00		Miscellaneous.....	46 00	
Charity.....	2 00				
Books and newspapers.	10 80		Cost of food.....	.....	$304 75
Sickness.....	135 00		Expense other than food.....	.....	485 80
Amusements.....	10 00				
Sundries.....	38 00		Total.....	.....	790 55
Expense other than food.....	.....	485 80	Surplus *.....	.....	504 85

* Paid $100 to husband's parents for support—deposited $400 in bank.

WHEEL MOULDER.

CONDITIONS.—Family of four—parents, one son, aged 7 years, one daughter, aged 13 years. Occupy lower floor of a brick house fronting alley; rooms are plainly furnished, kept in good order. Husband is of Irish descent; suffers with chronic rheumatism. Wife is American; lost a child last winter.

Earnings of husband...	.....	$641 00	Meat.....	$74 00	
			Lard.....	10 00	
COST OF LIVING.			Butter.....	19 60	
			Eggs.....	8 60	
Rent.....	$96 00		Flour.....	31 60	
Fuel.....	28 00		Milk.....	18 25	
Lighting.....	8 00		Coffee.....	16 40	
Clothing for husband..	38 00		Tea.....	2 40	
Clothing for wife.....	35 00		Sugar.....	14 00	
Clothing for 2 children.	66 00		Potatoes.....	9 00	
Furniture and utensils.	4 00		Vegetables.....	6 00	
Charity.....	1 00		Canned goods.....	10 00	
Books and newspapers.	9 30		Miscellaneous.....	26 00	
Sickness.....	76 00		Beer.....	26 00	
Amusements.....	40 00				
Sundries.....	38 00		Cost of food.....	.....	271 85
Expenses other than food.....	.....	439 60	Expense other than food.....	.....	439 60
			Total cost of living..	.....	711 45
			*Deficit.....	.....	70 45

*Indebted to doctor and undertaker for funeral.

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WHEEL MOULDER.

CONDITIONS.—Family of five—parents, two sons, aged 7 and 4 years; one daughter, aged 2½ years. Occupy second floor of a flat; rooms are well furnished and kept in good order. Husband and wife are of German descent, very industrious and economical; husband lost 5 weeks' wages on account of sickness.

Earnings of husband..	.....	$988 45	Meat	$73 00	
			Lard	10 00	
COST OF LIVING.			Butter	36 50	
			Eggs	10 00	
Rent	$144 00		Flour	14 60	
Fuel	31 00		Bread	36 50	
Lighting	9 00		Milk	36 50	
Life insurance, husband	54 00		Coffee	16 00	
Clothing for husband	68 00		Tea	2 40	
Clothing for wife	36 00		Sugar	18 00	
Clothing for 3 children	54 00		Potatoes	12 00	
Furniture and utensils	6 00		Vegetables	18 25	
Religion	2 00		Canned goods	24 00	
Charity	6 00		Miscellaneous	32 00	
Books and newspapers	7 50				
Sickness	143 50		Cost of food	.....	$339 75
Amusements	30 00		Expense other than food	.....	645 60
Sundries	54 00				
Expense other than food	.....	644 50	Total cost of living..	.....	984 25
			Surplus	.....	4 20

WHEEL MOULDER.

CONDITIONS.—Family of six—parents, one daughter aged 1½ year, three sons aged 3 months, 3½ and 6 years. Occupy rooms on second floor of an old brick building; rooms are scantily furnished; furniture is worn out. Husband and wife are of German descent and fairly well educated.

Earnings of husband...	.....	1,197 30	Meat	$120 00	
			Lard	6 00	
COST OF LIVING.			Butter	42 00	
			Eggs	6 40	
Rent	$84 00		Flour	7 20	
Fuel	25 00		Bread	45 60	
Lighting	8 00		Milk	36 50	
Clothing for husband	56 00		Coffee	16 75	
Clothing for wife	23 00		Tea	2 40	
Clothing for 4 children	58 00		Sugar	13 00	
Furniture and utensils	6 00		Potatoes	16 60	
Charity	6 00		Vegetables	18 50	
Books and newspapers	10 40		Canned goods	9 00	
Sickness	51 00		Miscellaneous	30 00	
Amusements	150 00		Beer	36 50	
Sundries	42 00				
			Cost of food	.....	$406 45
Expense other than food	.....	519 40	Expense other than food	.....	519 40
			Total cost of living..	.....	925 85
			Surplus*	.....	271 45

*Paid $108 to building association, remainder on hand.

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WHEEL MOULDER.

CONDITIONS.--Family of five—parents, three sons, aged 12, 10 and 4 years Occupy flat on second floor; house is old but in good repair; rooms are well furnished, kept neat and clean. Husband is of German descent, wife is American, both intelligent and well educated.

Earnings of husband	.....	1,016 60	Meat	$106 50	
			Lard	12 00	
COST OF LIVING.			Butter	36 50	
			Eggs	8 00	
Rent	$126 00		Flour	27 50	
Fuel	30 00		Bread	18 25	
Lighting	9 00		Coffee	22 40	
Life insurance, husband	28 00		Tea	1 80	
Life insurance, wife	14 40		Sugar	18 00	
Clothing for husband	38 00		Milk	18 25	
Clothing for wife	26 00		Potatoes	14 00	
Clothing for 3 children	86 00		Vegetables	16 00	
Furniture and utensils	6 00		Canned goods	24 00	
Religion	2 00		Miscellaneous	44 00	
Charity	6 00		Beer	36 50	
Books and newspapers	7 50				
Sickness	23 00		Cost of food	.....	$403 70
Amusements	50 00		Expense other than food	.....	507 90
Sundries	56 00				
Expense other than food	.....	507 90	Total cost of living	.....	911 60
			Surplus*	.....	105 00

*Deposited in bank.

WHEEL MOULDER.

CONDITIONS.—Family of three—mother, one son, aged 28 years, one daughter, aged 17 years. Occupy an old brick house; kitchen is in cellar; rooms are most scantily furnished, but kept neat and clean. Mother is German. Boy has worked in foundry over ten years.

Earnings of son	.....	1,307 95	Meat	131 00	
Earnings of daughter	.....	94 00	Lard	5 00	
			Butter	27 40	
Total earnings	.....	1,401 95	Eggs	10 00	
			Flour	14 80	
COST OF LIVING.			Bread	43 00	
			Milk	10 00	
Rent	$108 00		Coffee	21 40	
Fuel	31 00		Tea	2 40	
Lighting	8 00		Sugar	18 00	
Life insurance, mother	15 60		Potatoes	19 50	
Clothing for mother	14 00		Vegetables	36 50	
Clothing for 2 children	118 00		Canned goods	8 00	
Furniture and utensils	14 00		Miscellaneous	44 00	
Religion	6 00		Beer	14 00	
Charity	4 00				
Books and newspapers	10 80		Cost of food	.....	$405 00
Sickness	13 00		Expense other than food	.....	504 40
Amusements	120 00				
Sundries	42 00		Total cost of living	.....	909 40
Expense other than food	.....	504 40	Surplus*	.....	492 55

* Deposited in bank.

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WHEEL MOULDER.

CONDITIONS.—Family of three—parents and one daughter aged 9 years. Occupy rooms of a new brick house; rooms are furnished elegantly and kept very neat. Husband is of German descent, wife is American.

Earnings of husband	.....	1,113 80	Meat	$60 00	
			Lard	8 00	
COST OF LIVING.			Butter	18 00	
			Eggs	12 00	
Rent	$204 00		Flour	12 40	
Fuel	36 00		Bread	10 00	
Lighting	12 00		Milk	9 25	
Property insurance	75		Coffee	15 60	
Life insurance, husband	64 00		Sugar	12 00	
Clothing for husband	58 00		Tea	2 40	
Clothing for wife	40 00		Potatoes	12 00	
Clothing for 1 child	52 00		Canned goods	14 00	
Furniture and utensils	6 00		Miscellaneous	44 00	
Religion	6 00		Beer	36 50	
Charity	5 00				
Books and newspapers	7 50		Cost of food	.....	$266 15
Sickness	27 00		Expense other than food	.....	594 25
Amusements	40 00				
Sundries	36 00		Total cost of living	.....	860 40
Expense other than food	.....	594 25	Surplus*	.....	253 40

*Deposited $250 in bank.

WHEEL MOULDER.

CONDITIONS.—Family of six—parents, two sons, aged 20 and 19 years, two daughters, aged 23 and 17 years. Occupy lower floor of an old brick house. Rooms are plainly furnished. Second boy is of delicate health and cannot work; is supported by family. Parents are German.

Earnings of husband	.....	1,225 80	Meat	182 50	
Earnings of oldest son as machine man	.....	314 00	Lard	24 00	
Earnings of daughter aged 17 as seamstress	.....	64 00	Butter	46 50	
			Eggs	18 00	
Total earnings	.....	1,603 80	Flour	33 00	
			Bread	15 00	
COST OF LIVING.			Milk	18 25	
			Coffee	31 20	
Rent	$108 00		Sugar	21 00	
Fuel	32 00		Potatoes	29 40	
Lighting	8 00		Vegetables	36 50	
Life insurance, husband	14 00		Miscellaneous	41 00	
Clothing for husband	54 00		Beer and wine	54 50	
Clothing for wife	22 00		Cost of food	.....	551 15
Clothing for 4 children	238 00		Expense other than food	.....	702 80
Furniture and utensils	14 00				
Religion	22 00		Total cost of living	.....	1,253 95
Charity	2 00				
Books and newspapers	10 80		Surplus*	.....	349 85
Sickness	34 00				
Amusements	100 00				
Sundries	54 00				
Expense other than food	.....	$702 80			

*Oldest son paid $120 to building association; remainder on hand.

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WHEEL MOULDER.

CONDITIONS.—Family of two—husband and wife, aged 32 and 28 years. Occupy a flat on first floor; rooms are nicely furnished and kept clean. Both of Irish descent.

Earnings of husband		1,185 75	Meat	$64 00	
			Lard	10 00	
COST OF LIVING.			Butter	21 00	
			Eggs	14 50	
Rent	$156 00		Flour	11 00	
Fuel	32 00		Bread	18 25	
Lighting	9 00		Milk	10 00	
Property insurance	1 25		Coffee	15 60	
Life insurance, husband	52 00		Tea	3 60	
Clothing for husband	66 00		Sugar	13 00	
Clothing for wife	52 00		Potatoes	9 60	
Furniture and utensils	8 00		Vegetables	36 50	
Charity	10 00		Fruit	52 00	
Books and newspapers	7 50		Miscellaneous	40 00	
Sickness	114 00		Beer and liquor	60 00	
Amusements	50 00				
Sundries	56 00		Cost of food		379 05
Expense other than food		613 75	Expense other than food		613 75
			Total cost of living		992 80
			*Surplus		192 95

* Surplus in bank.

MACHINE HAND (HELPER).

CONDITIONS.—Family of three—parents, one daughter, aged 3 years. Occupy one room on fourth floor of an old tenement house; room is kept very disorderly and not carpeted; furniture is old and broken. Husband and wife are Hungarians

Earnings of husband		$423 00	Meat	54 00	
			Lard	9 00	
COST OF LIVING.			Butter	12 00	
			Eggs	6 50	
Rent	$48 00		Flour	5 60	
Fuel	17 00		Bread	36 50	
Lighting	6 00		Milk	6 00	
Clothing for husband	42 00		Coffee	10 00	
Clothing for wife	18 00		Tea	4 20	
Clothing for 1 child	14 00		Sugar	9 50	
Furniture and utensils	3 00		Potatoes	14 50	
Sickness	7 00		Vegetables	10 00	
Amusements	10 00		Miscellaneous	26 00	
Sundries	33 00		Beer, liquor	20 00	
Expense other than food		198 00	Cost of food		$223 80
			Expense other than food		198 00
			Total cost of living		421 80
			Surplus		1 20

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MACHINE HAND (HELPER).

CONDITIONS.—Family of three—parents, one daughter, aged 3 months. Occupy two rooms of a large house standing in rear (fourteen families occupy that one yard); rooms are very dark; floors are not carpeted, and plain furniture. Husband and wife are Americans, intelligent and industrious.

Earnings of husband	.....	$403 20	Meat	96 00	
Income from boarder	.....	180 00	Lard	8 00	
			Butter	18 00	
Total earnings	.....	583 20	Eggs	7 80	
			Flour	32 00	
COST OF LIVING.			Milk	6 00	
			Coffee	12 00	
Rent	$78 00		Sugar	12 00	
Fuel	18 00		Potatoes	8 50	
Lighting	7 00		Vegetables	14 00	
Clothing for husband	34 00		Canned goods	14 00	
Clothing for wife	16 00		Miscellaneous	22 00	
Clothing for one child	4 00		Beer	18 00	
Furniture and utensils	8 00				
Religion	2 00		Cost of food	.....	268 30
Sickness	106 00		Expense other than food	.....	317 00
Amusements	10 00				
Sundries	34 00		Total cost of living	.....	585 30
Expense other than food	.....	317 00	Deficit	.....	2 10

MACHINE HAND.

CONDITIONS.—Family of five—parents, three sons, aged 14, 10 and 8 years. Occupy second floor of a flat; rooms are not carpeted, furniture very plain. Husband and wife are German, intelligent, industrious and economical.

Earnings of husband	.....	$594 00	Meat	$72 00	
			Lard	6 00	
COST OF LIVING.			Butter	16 00	
			Eggs	9 60	
Rent	$84 00		Flour	7 20	
Fuel	30 00		Bread	36 50	
Lighting	7 40		Coffee	12 00	
Life insurance husband	12 00		Sugar	12 00	
Clothing for husband	44 00		Milk	6 40	
Clothing for wife	16 00		Potatoes	10 60	
Clothing for 3 children	63 00		Vegetables	10 00	
Furniture and utensils	4 00		Miscellaneous	18 00	
Religion	25 00		Beer, liquor	26 00	
Charity	1 00				
Books and newspapers	14 00		Cost of food	.....	242 30
Sickness	6 00		Expense other than food	.....	350 40
Amusements	10 00				
Sundries	34 00		Total cost of living	.....	592 70
Expense other than food	.....	350 40	Surplus	.....	1 30

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MACHINE MAN (HELPER).

CONDITIONS.—Family of two—husband and wife aged 61 and 58 years. Occupy upper floor of an old brick house; rooms are plainly furnished, and not very comfortable; wife must carry all water up stairs. Both are German, intelligent.

Earnings of husband	.....	$433 00	Meat	$54 00	
			Lard	5 00	
COST OF LIVING.			Butter	36 50	
			Eggs	6 00	
Rent	$60 00		Flour	8 00	
Fuel	21 00		Bread	18 25	
Lighting	8 00		Coffee	15 00	
Clothing for husband	28 00		Sugar	9 00	
Clothing for wife	25 00		Milk	10 00	
Furniture and utensils	4 00		Potatoes	6 00	
Religion	2 00		Vegetables	14 00	
Charity	1 00		Miscellaneous	18 00	
Books and newspapers	2 00		Beer	36 50	
Sickness	3 00				
Amusements	10 00		Cost of food	.....	236 25
Sundries	26 00		Expense other than food	.....	190 00
Expense other than food	.....	190 00	Total cost of living	.....	426 25
			Surplus	.....	6 75

MACHINE MAN.

CONDITIONS.—Family of two—husband and wife aged 53 and 54 years. Occupy small brick building; rooms are scantily furnished. Husband and wife are Irish.

Earnings of husband	.....	$509 00	Meat	$63 00	
			Lard	8 00	
COST OF LIVING.			Butter	17 50	
			Eggs	6 00	
Rent	$72 00		Flour	4 00	
Fuel	19 00		Bread	26 50	
Lighting	7 00		Coffee	19 40	
Life insurance, husband	18 00		Sugar	13 00	
Clothing for husband	34 00		Milk	12 00	
Clothing for wife	26 00		Potatoes	6 50	
Furniture and utensils	4 00		Vegetables	14 00	
Religion	6 00		Canned goods	16 00	
Books and newspapers	5 60		Miscellaceous	21 00	
Sickness	11 00		Beer	30 00	
Amusements	20 00				
Sundries	28 00		Cost of food	.....	$256 40
Expense other than food	.....	250 60	Expense other than food	.....	250 60
			Total cost of living	.....	507 00
			Surplus	.....	2 00

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MACHINE MAN.

CONDITIONS.—Family of three—parents, one child aged one month. Occupy two rooms on upper floor; rooms are plainly furnished, kept neatand clean. Husband is German, wife is of German descent; both are intelligent, sober, industrious and economical.

Total earnings	.....	$661 40	Meat	$54 00	
COST OF LIVING.			Lard	6 00	
			Butter	21 00	
			Eggs	14 00	
Rent	$72 00		Flour	19 70	
Fuel	18 50		Bread	3 00	
Lighting	7 50		Milk	10 00	
Clothing for husband	46 00		Coffee	13 00	
Clothing for wife	38 00		Tea	1 20	
Clothing for 1 child	5 00		Sugar	12 00	
Furniture and utensils	16 00		Potatoes	6 40	
Religion	4 00		Vegetables	18 20	
Charity	2 00		Miscellaneous	36 00	
Sickness	23 00		Beer and wine	36 50	
Amusements	40 00				
Sundries	34 00		Cost of food	.....	$251 00
Expense other than food	306 00		Expense other than food	.....	306 00
			Total cost of living	.....	557 00
			Surplus*	.....	104 40

*Gave $60 to parents; remainder on hand.

MACHINE MAN.

CONDITIONS.—Family of four—parents, one daughter aged 19 years, one son aged 17 years. Occupy a frame cottage of their own, with a vegetable garden and chicken yard; rooms are plainly furnished. Husband and wife German, intelligent.

EARNINGS.			Amusements	$60 00	
			Feed for chickens, hogs	38 00	
Earnings of husband	.....	$443 00	Sundries	38 00	
Earnings of daugter, pickle factory	.....	143 00	Expense other than food	.....	$458 25
Earnings of son, rolling-mill	.....	295 00	Meat	$36 00	
Total earnings	.....	881 00	Butter	18 60	
			Flour	26 80	
COST OF LIVING.			Bread	4 00	
			Milk	9 00	
			Coffee	15 60	
Fuel	$22 00		Sugar	12 00	
Lighting	7 00		Potatoes	14 50	
Taxes	9 25		Miscellaneous	34 00	
Property insurance	1 60		Beer	60 00	
Clothing for husband	42 00				
Clothing for wife	34 00		Cost of food	.....	230 50
Clothing for 2 children	136 00		Expense other than food	.....	458 25
Furniture and utensils	10 00				
Religion	20 00		Total cost of living	.....	688 75
Charity	4 00				
Books and newspapers	10 40		Surplus*	.....	192 25
Sickness	26 00				

*Surplus kept on hand.

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MACHINE MAN.

CONDITIONS.—Family of four—parents, two sons, aged 4 and 3 years. Occupy rooms of old brick house; furniture is plain; have carpets on floor; everything neat and clean. Husband and wife are German, intelligent and well educated.

Earnings of husband		$569 00	Meat	$54 00	
			Lard	8 00	
COST OF LIVING.			Butter	16 40	
			Eggs	6 80	
Rent	$90 00		Flour	20 00	
Fuel	26 00		Milk	9 25	
Lighting	8 00		Coffee	10 60	
Life insurance, husband	15 60		Sugar	12 00	
Clothing for husband	48 00		Potatoes	9 75	
Clothing for wife	28 00		Vegetables	10 25	
Clothing for 2 children	56 00		Miscellaneous	24 00	
Furniture and utensils	4 00		Beer and liquor	44 00	
Charity	1 00				
Books and newspapers	3 50		Cost of food		225 05
Sickness	2 00		Expense other than food		340 10
Amusements	20 00				
Sundries	38 00		Total cost of living		565 15
Expense other than food		340 10	Surplus		3 85

MACHINE MAN.

CONDITIONS.—Family of seven—parents, three daughters, aged 14, 12 and 10 years, two sons, aged 9 and 5 years. Occupy a small brick house; rooms are plainly furnished. Husband and wife are German and hard-working people.

Earnings of husband		$763 00	Meat	$91 00	
			Lard	10 00	
COST OF LIVING.			Butter	30 00	
			Eggs	10 60	
Rent	$108 00		Flour	4 50	
Fuel	16 50		Milk	26 00	
Lighting	7 00		Bread	48 00	
Clothing for husband	54 00		Coffee	22 40	
Clothing for wife	12 00		Sugar	15 00	
Clothing for 5 children	120 00		Potatoes	20 80	
Furniture and utensils	4 00		Vegetables	36 50	
Religion	17 50		Miscellaneous	22 00	
Charity	1 00		Beer, liquor	50 00	
Books and newspapers	2 00				
Sundries	24 00		Cost of food		$386 80
Expense other than food		366 00	Expense other than for food		366 00
			Total cost of living		752 80
			Surplus		10 20

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MACHINIST (HELPER).

CONDITIONS.—Family of two—husband and wife, aged 27 and 23 years. Occupy upper floor of an old brick house fronting alley; rooms are without carpet, very plain furniture, kept clean. Both of German descent; fairly well educated.

Earnings of husband		$527 00	Meat	$62 00	
			Lard	7 00	
COST OF LIVING.			Butter	18 00	
			Eggs	8 40	
Rent	$108 00		Flour	22 00	
Fuel	18 00		Milk	12 00	
Lighting	7 00		Coffee	15 60	
Clothing for husband	38 00		Tea	2 40	
Clothing for wife	22 00		Sugar	14 00	
Furniture and utensils	2 00		Potatoes	8 00	
Religion	6 00		Vegetables	13 00	
Charity	1 00		Canned goods	6 00	
Books and newspapers	2 00		Miscellaneous	18 00	
Amusements	20 00		Beer and wine	26 00	
Sundries	26 00				
			Cost of food		$232 40
Expense other than food		250 00	Expense other than food		250 00
			Total cost of living		482 40
			Surplus*		44 60

*Surplus on hand.

MACHINIST.

CONDITIONS.—Family of two—husband and wife. Occupy second floor of a new brick house; rooms are neatly furnished and floors are covered with rugs. Both are intelligent and industrious; of Irish descent.

Earnings of husband		$687 00	Meat	$52 00	
			Lard	10 00	
COST OF LIVING.			Butter	24 00	
			Eggs	12 00	
Rent	$120 00		Flour	16 50	
Fuel	29 00		Milk	12 25	
Lighting	8 00		Coffee	12 00	
Life insurance, husband	28 00		Sugar	9 00	
Clothing for husband	32 00		Tea	2 40	
Clothing for wife	42 00		Potatoes	14 00	
Furniture and utensils	16 00		Vegetables	36 50	
Charity	1 00		Miscellaneous	26 00	
Books and newspapers	7 50		Beer	52 00	
Amusements	20 00				
Sundries	44 00		Cost of food		$284 65
Expense other than food	347 50		Expense other than food		347 50
			Total cost of living		632 15
			Surplus		54 85

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FOREMAN PLANING MILL.

CONDITIONS.—Family of seven—parents, four sons, aged 6, 5, 1½ and ½ years, one daughter, aged 3 years. Occupy their own home, an elegant two-story brick house; on lower floor, parlor, dining-room and kitchen; on upper floor, three bed-rooms; rooms are completely furnished; house is not paid up. Parents are German, industrious and well educated.

Earnings of husband		1,080 00	Meat	$90 00	
			Lard	6 00	
COST OF LIVING.			Butter	26 00	
			Flour	36 00	
Fuel	$32 00		Milk	36 50	
Lighting	10 00		Coffee	15 00	
Taxes	60 00		Tea	1 80	
Property insurance	1 75		Sugar	15 00	
Life insurance, husband	32 00		Potatoes	7 50	
Clothing for husband	90 00		Vegetables	18 50	
Clothing for wife	44 00		Canned goods	9 00	
Clothing for 5 children	75 00		Miscellaneous	42 00	
Furniture and utensils	6 00		Beer and wine	50 00	
Religion	30 00				
Charity	4 00		Cost of food		$353 30
Books and newspapers	25 00		Expense other than food		587 75
Sickness	76 00				
Amusements	60 00		Total cost of living		941 05
Sundries	42 00				
Expense other than food		587 75	Surplus*		138 95

*Paid $120 to building association.

LABORER.

CONDITIONS.—Family of five—parents, two sons, aged 6 and 3 years, and one daughter, aged ¼ of a year. Occupy two rooms of old brick house in bad repair; rooms are poorly furnished and not kept clean. Both are German of average intelligence.

Earnings of husband		$417 00	Meat	$44 00	
			Lard	7 00	
COST OF LIVING.			Butter	10 00	
			Eggs	4 60	
Rent	$72 00		Flour	5 20	
Fuel	18 00		Bread	36 50	
Lighting	6 00		Milk	6 15	
Life insurance, husband	18 00		Coffee	12 00	
Clothing for husband	26 00		Sugar	8 00	
Clothing for wife	18 00		Potatoes	10 40	
Clothing for 3 children	28 00		Vegetables	5 00	
Furniture and utensils	6 00		Miscellaneous	20 00	
Books and newspapers	2 00		Beer	20 00	
Sundries	34 00				
			Cost of food		$188 85
Expense other than food		228 00	Expense other than food		228 00
			Total cost of living		416 85
			Surplus		15

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TRUCK BUILDER.

CONDITIONS —Family of two—husband and wife. Occupy rooms of an old house, but in good repair; rooms are plainly furnished, no carpets. Both are Poles.

Earnings of husband	.....	$462 00	Meat	$91 00	
Income from boarders	.....	180 00	Lard	9 00	
			Butter	16 00	
Total earnings	.....	642 00	Eggs	10 00	
			Flour	13 00	
COST OF LIVING.			Bread	36 50	
			Milk	10 00	
Rent	$84 00		Coffee	30 60	
Fuel	21 00		Sugar	12 00	
Lighting	7 00		Potatoes	16 50	
Clothing for husband	46 00		Vegetables	18 25	
Clothing for wife	28 00		Miscellaneous	40 00	
Furniture and utensils	6 00		Beer	52 00	
Religion	6 00				
Charity	1 00		Cost of food	.....	$354 85
Books and newspapers	7 50		Expense other than food	.....	264 50
Sickness	16 00				
Amusements	10 00		Total cost of living	.....	619 35
Sundries	32 00				
Expense other than food	.....	264 50	Surplus*	.....	22 65

*Surplus on hand.

CAR BUILDER.

CONDITIONS.—Family of two—husband and wife, aged 28 and 23 years. Occupy lower floor of brick house. Furniture is new and complete; rooms look very comfortable. Yard is very small. A large tenement house stands in the rear. Both are of German descent and well educated.

Earnings of husband	.....	$731 00	Meat	$48 00	
			Lard	10 00	
COST OF LIVING.			Butter	22 00	
			Eggs	6 00	
Rent	$108 00		Flour	26 40	
Fuel	23 00		Milk	15 00	
Lighting	8 00		Coffee	15 60	
Life insurance, husband	46 00		Tea	2 40	
Clothing for husband	56 00		Sugar	14 00	
Clothing for wife	42 00		Potatoes	4 80	
Furniture and utensils	12 00		Vegetables	18 25	
Religion	6 00		Miscellaneous	40 00	
Charity	10 00		Beer and wine	50 00	
Books and newspapers	9 60				
Sickness	1 25		Cost of food	.....	$272 45
Amusements	50 00		Expense other than food	.....	415 85
Sundries	44 00				
Expense other than food	.....	415 85	Total cost of living	.....	688 30
			Surplus*	.....	42 70

*Surplus on hand.

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CAR BUILDER.

CONDITIONS.—Family of four—parents, one daughter, aged 8 years, one son, aged 4 years. Occupy flat on second floor; rooms are plainly furnished. Husband and wife are of Irish descent; intelligent and fairly well educated. Husband lost 2½ months' wages.

Earnings of husband		$604 00	Meat	$65 00	
			Lard	9 00	
COST OF LIVING.			Butter	16 40	
			Eggs	4 50	
Rent	$126 00		Flour	26 60	
Fuel	18 00		Milk	18 25	
Lighting	9 00		Coffee	14 40	
Clothing for husband	38 00		Tea	1 20	
Clothing for wife	22 00		Sugar	14 00	
Clothing for 2 children	36 00		Potatoes	8 20	
Furniture and utensils	3 00		Vegetables	6 00	
Books and newspapers	5 50		Canned goods	14 00	
Sickness	34 00		Miscellaneous	35 00	
Sundries	28 00				
			Cost of food		$232 55
Expense other than food		319 50	Expense other than food		319 50
			Total cost of living		552 05
			*Surplus		51 95

* Paid $96 to building association; had a deficit of $44.05, to which amount grocer gave credit.

CAR BUILDER.

CONDITIONS.—Family of four—parents, one son aged 3 years, one daughter aged 1½ year. Occupy second floor of a new brick house, in back yard; rooms are not completely furnished, one room carpeted. Husband and wife of German descent

Earnings of husband		$612 75	Meat	$75 00	
			Lard	8 00	
COST OF LIVING.			Butter	17 25	
			Eggs	8 00	
Rent	$108 00		Flour	11 00	
Fuel	22 00		Bread	18 50	
Lighting	7 00		Coffee	15 60	
Clothing for husband	32 00		Tea	1 20	
Clothing for wife	36 00		Sugar	14 00	
Clothing for 2 children	18 00		Potatoes	14 60	
Furniture and utensils	4 00		Vegetables	22 00	
Religion	18 00		Canned goods	14 00	
Charity	3 00		Miscellaneous	24 00	
Books and newspapers	7 80		Beer	36 50	
Sickness	7 25				
Amusements	20 00		Cost of food		$279 65
Sundries	38 00		Expense other than food		321 05
Expense other than food		$321 05	Total cost of living		600 70
			Surplus		12 05

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CAR BUILDER.

CONDITIONS.—Family of three—parents, one son aged 9 months. Occupy basement and lower floor of an old brick house in good repair; rooms are neat and clean. Husband is English, wife is American; both intelligent and well educated.

Earnings of husband...	.....	$751 00	Meat.....	$64 00	
			Lard.....	10 00	
COST OF LIVING.			Butter.....	27 50	
			Eggs.....	10 00	
Rent.....	$156 00		Flour.....	14 20	
Fuel.....	32 00		Bread.....	18 25	
Lighting.....	9 00		Coffee.....	15 60	
Clothing for husband..	56 00		Sugar.....	23 00	
Clothing for wife	26 00		Tea.....	1 80	
Clothing for 1 child....	9 00		Milk.....	18 25	
Furniture and utensils.	4 00		Potatoes.....	6 50	
Religion.....	2 00		Vegetables.....	18 25	
Charity.....	1 00		Miscellaneous.....	42 00	
Books and newspapers.	7 50		Canned goods.....	26 00	
Sickness.....	46 00		Liquor, beer.....	40 00	
Amusements.....	30 00				
Sundries.....	34 00		Cost of food.....	.....	$335 35
Expense other than food.....	.....	412 50	Expense other than food.....	.....	412 50
			Total cost of living..	.....	747 85
			Surplus.....	.....	3 15

CAR BUILDER.

CONDITIONS.—Family of three—parents, one daughter, aged 19 years. Occupy lower floor of an old tenement house fronting alley; rooms are scantily furnished and not kept clean. Husband and wife are Irish.

Earnings of husband...	.....	$624 00	Meat.....	$54 00	
			Lard.....	10 00	
COST OF LIVING.			Butter.....	24 00	
			Eggs.....	9 60	
Rent.....	$96 00		Flour.....	22 00	
Fuel.....	27 00		Milk.....	10 00	
Lighting.....	8 00		Coffee.....	15 60	
Life insurance, husband	28 00		Sugar.....	12 00	
Clothing for husband..	54 00		Potatoes.....	14 00	
Clothing for wife	28 00		Vegetables.....	12 00	
Clothing for one child..	36 00		Miscellaneous.....	38 00	
Furniture and utensils.	12 00		Beer, liquor.....	30 00	
Religion.....	6 00				
Charity.....	2 00		Cost of food.....	.....	$251 20
Books and newspapers.	7 50		Expense other than food.....	.....	372 50
Sickness.....	4 00				
Amusements.....	20 00		Total cost of living...	.....	623 70
Sundries.....	44 00		Surplus.....	.....	30
Expense other than food.....	.....	$372 50			

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CAR BUILDER.

CONDITIONS.—Family of three—parents, one son aged 3½ years. Occupy second floor of flat; rooms are completely furnished and kept in good order. Husband and wife are Americans, industrious and economical.

Earnings of husband	.....	$585 80	Meat	$52 00	
			Lard	6 00	
COST OF LIVING.			Butter	21 00	
			Eggs	6 50	
Rent	$156 00		Flour	24 00	
Fuel	30 00		Milk	18 25	
Lighting	8 00		Coffee	12 00	
Property insurance	1 25		Tea	3 60	
Clothing for husband	44 00		Sugar	10 00	
Clothing for wife	34 00		Potatoes	4 75	
Clothing for 1 child	22 00		Vegetables	12 00	
Furniture and utensils	4 00		Miscellaneous	26 00	
Religion	5 00				
Charity	1 00		Cost of food	.....	$196 10
Books and newspapers	7 50		Expense other than food	.....	372 75
Sickness	24 00				
Amusements	10 00				
Sundries	26 00		Total cost of living	.....	568 85
Expense other than food	.....	372 75	Surplus	.....	16 95

CAR BUILDER.

CONDITIONS.—Family of four—parents, two sons, aged 3 months and 1½ years. Occupy first floor of an old brick building in good repair; kitchen floor is varnished; two rooms are carpeted, furniture plain but complete. Husband is German, wife German descent, intelligent and industrious.

EARNINGS.			Meat	$82 00	
			Lard	10 00	
Earnings of husband	.....	$501 00	Butter	22 40	
Income boarder	.....	180 00	Eggs	7 20	
			Flour	8 00	
Total earnings	.....	681 00	Bread	36 50	
			Milk	18 25	
COST OF LIVING.			Coffee	23 40	
			Sugar	15 00	
Rent	$108 00		Potatoes	26 00	
Fuel	26 00		Vegetables	18 25	
Lighting	8 00		Miscellaneous	41 00	
Clothing for husband	53 00		Beer	36 50	
Clothing for wife	28 00				
Clothing for 2 children	16 00		Cost of food	.....	$344 50
Furniture and utensils	4 00		Expense other than food	.....	334 00
Charity	1 00				
Sickness	12 00				
Amusements	40 00				
Sundries	38 00		Total cost of living	.....	678 50
			Surplus	.....	2 50
Expense other than food	.....	334 00			

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CAR BUILDER.

CONDITIONS.—Family of three—parents, one son aged 3 years. Occupy upper floor of an old brick house; rooms are plainly furnished and kept clean. Husband is German and intelligent.

Earnings of husband..	.....	$793 40	Meat.....	$64 00	
			Lard.....	8 00	
COST OF LIVING.			Butter.....	22 60	
			Eggs.....	13 50	
Rent.....	$108 00		Flour.....	26 40	
Fuel..	18 00		Milk.....	10 00	
Lighting.....	7 00		Coffee.....	16 60	
Life insurance,husband	26 00		Sugar.....	13 00	
Clothing for husband..	52 00		Potatoes.....	14 80	
Clothing for wife	24 00		Vegetables.....	15 00	
Clothing for 1 child ...	18 00		Miscellaneous.....	41 00	
Furniture and utensils.	4 00		Beer.	50 00	
Religion.....	6 00				
Charity..	2 00		Cost of food.....	.....	$294 90
Books and newspapers	3 60		Expense other than food.....	.....	359 60
Sickness.....	19 00				
Amusements.....	30 00				
Sundries.....	42 00		Total cost of living..	.....	654 50
Expense other than food.....	359 60		* Surplus.....	.....	138 90

* Paid $120 to building association.

FOREMAN OF ERECTING SHOP.

CONDITIONS.—Family of three—parents, one daughter aged 6 years. Occupy a whole house. Wife keeps a dry-goods store. Husband is English, wife of German descent; both intelligent.

Earnings of husband...	.....	1,200 00	Meat.....	$56 00	
Earnings of wife from store.....	.....	500 00	Lard	8 00	
			Butter.....	16 60	
Total earnings.....	.....	1,700 00	Eggs.....	9 50	
			Flour.....	5 00	
			Bread.....	26 00	
COST OF LIVING.			Milk.....	18 25	
			Coffee.....	15 60	
Rent.....	$300 00		Tea	3 60	
Fuel.....	43 00		Sugar.....	15 00	
Lighting	28 00		Potatoes.....	14 00	
Taxes..	14 00		Vegetables	18 25	
Property insurance....	6 50		Miscellaneous.....	35 00	
Life insurance,husband	52 00		Beer.....	52 00	
Clothing for husband..	58 00				
Clothing for wife	52 00		Cost of food	.....	$292 80
Clothing for one child.	34 00		Expense other than food..... ..	.....	708 40
Furniture and utensils.	12 00				
Religion.....	6 00				
Charity..... ...	5 00		Total cost of living..	.....	1,001 20
Books and newspapers.	12 50				
Sickness	7 40		Surplus*.....	.....	698 80
Amusements.....	40 00				
Sundries.....	38 00				
Expense other than food.....	.....	708 40			

*Surplus deposited in bank.

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PAINTER (HELPER).

CONDITIONS.—Family of three—parents, one son aged 15 years. Own a two-story brick house; three rooms are let for $10 per month; house is free of all incumbrance; rooms are plainly furnished. Husband and wife are German, intelligent; boy receives a good education in Evangelical church school.

Earnings of husband		$504 80	Meat	$68 00	
Income, other sources		120 00	Lard	5 00	
			Butter	18 50	
Total earnings		624 80	Eggs	12 00	
			Flour	16 50	
COST OF LIVING.			Milk	15 00	
			Coffee	19 50	
Fuel	$26 00		Tea	1 20	
Lighting	9 00		Sugar	13 00	
Taxes	29 40		Potatoes	7 80	
Property insurance	1 90		Vegetables	18 25	
Clothing for husband	42 00		Canned goods	4 00	
Clothing for wife	19 00		Miscellaneous	22 00	
Clothing for 1 child	40 00		Beer and wine	36 00	
Furniture and utensils	4 00				
Religion	20 00		Cost of food		$256 75
Charity	3 00		Expense other than food		243 30
Books and newspapers	2 00				
Sickness	2 00				
Amusements	20 00		Total cost of living		500 05
Sundries	25 00		Surplus*		124 75
Expense other than food		243 30			

*Surplus deposited in bank.

PAINTER (HELPER).

CONDITIONS.—Family of three—parents, one girl aged 4 years. Occupy a one-story brick house of their own; is not free of incumbrance; rooms are plainly furnished, front room is bed-room; have an organ which is played by the wife. Husband and wife are American, intelligent and industrious.

Earnings of husband		$424 20	Meat	$60 00	
			Lard	5 00	
COST OF LIVING.			Butter	19 50	
			Eggs	6 00	
Fuel	$22 00		Flour	24 00	
Lighting	6 00		Milk	9 10	
Taxes	30 00		Coffee	12 10	
Property insurance	1 75		Sugar	12 00	
Life insurance, husband	30 00		Tea	1 20	
Clothing for husband	23 00		Canned goods	14 00	
Clothing for wife	18 00		Potatoes	8 40	
Clothing for one child	12 00		Vegetables	6 00	
Furniture and utensils	1 50		Miscellaneous	12 00	
Religion	25 00				
Charity	1 00		Cost of food		$189 20
Books and newspapers	2 00		Expense other than food		206 25
Sickness	4 00				
Vacation	10 00				
Sundries	20 00		Total cost of living		395 45
Expense other than food	206 25		Surplus*		28 75

*Paid $60 on house; had a deficit of $31.25, to which amount grocer gave credit.

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PAINTER (HELPER).

CONDITIONS.—Family of three—parents and one daughter aged 18 years. Occupy three rooms of a flat, plainly furnished, but kept in good order. Husband and wife are Irish, fairly well educated.

Earnings of husband	.....	$460 20	Meat	$54 00	
			Lard	10 00	
COST OF LIVING.			Butter	19 50	
			Eggs	9 00	
Rent	$96 00		Flour	19 60	
Fuel	23 00		Milk	9 25	
Lighting	7 00		Coffee	16 00	
Clothing for husband	18 00		Sugar	12 00	
Clothing for wife	14 00		Potatoes	9 00	
Clothing for 1 child	28 00		Vegetables	21 00	
Furniture and utensils	4 00		Canned	6 00	
Religion	2 00		Miscellaneous	14 00	
Charity	1 00		Beer	14 00	
Books and newspapers	7 50				
Sickness	9 50		Cost of food	.....	$213 35
Amusements	10 00		Expense other than food	.....	245 00
Sundries	25 00				
Expense other than feed	.....	245 00	Total cost of living	.....	458 35
			Surplus	.....	1 85

PAINTER (HELPER).

CONDITIONS.—Family of three—parents, one daughter, aged 8 years. Occupy second floor flat of an old house; house is in bad repair. Husband and wife are of Irish descent, intelligent and fairly well educated. Husband lost three months' wages.

Earnings of husband	.....	$425 10	Meat	$84 00	
			Lard	6 00	
COST OF LIVING.			Butter	18 25	
			Eggs	10 00	
Rent	$96 00		Flour	22 00	
Fuel	19 00		Milk	9 20	
Lighting	8 00		Coffee	14 50	
Clothing for husband	40 00		Sugar	12 00	
Clothing for wife	18 00		Potatoes	9 40	
Clothing for 1 child	22 00		Vegetables	14 00	
Furniture and utensils	52 00		Canned goods	25 00	
Religion	3 00		Miscellaneous	18 00	
Charity	1 00		Beer	20 00	
Books and newspapers	5 20				
Sickness	73 00		Cost of food	.....	$262 35
Amusements	10 00		Expense other than food	.....	367 20
Sundries	20 00				
Expense other than food	.....	367 20	Total cost of living	.....	629 55
			Deficit	.....	204 45

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PAINTER.

CONDITIONS.—Family of three—parents and one son, aged 1 year. Occupy the lower floor of a new brick house; rooms are completely furnished. Both are German; intelligent and well educated; board with a married sister of husband, who lives next door. Wife is dress-maker.

Earnings of husband	.....	$732 00	Books and newspapers	$6 00	
Earnings of wife	.....	210 00	Amusements	60 00	
			Sundries	24 00	
Total earnings	.....	942 00			
			Expense other than food	.....	$414 00
COST OF LIVING.			Board for family	300 00	
Rent	$144 00		Liquor	60 00	
Fuel	22 00				
Lighting	8 00		Cost of food	.....	360 00
Life insurance, husband	45 00		Expense other than food	.....	414 00
Clothing for husband	58 00				
Clothing for wife	26 00		Total cost of living	.....	774 00
Clothing for 1 child	14 00				
Furniture and utensils	2 00		Surplus	.....	168 00
Charity	5 00				

PAINTER.

CONDITIONS.—Family of four—parents, one son aged 11 years, and one daughter aged 15 years. Occupy lower floor of an old house; kitchen and dining-room are in basement; front room is parlor; two back rooms bed-rooms; rooms are furnished neat and comfortable.

Earnings of husband	.....	$691 00	Meat	$65 00	
			Lard	10 00	
COST OF LIVING.			Butter	26 00	
			Eggs	10 00	
Rent	$180 00		Flour	22 40	
Fuel	28 00		Milk	18 25	
Lighting	10 00		Coffee	17 20	
Life insurance, husband	38 00		Tea	2 10	
Clothing for husband	34 00		Sugar	12 00	
Clothing for wife	28 00		Potatoes	9 40	
Clothing for 2 children	48 00		Vegetables	18 25	
Furniture and utensils	2 00		Canned goods	16 00	
Religion	6 00		Miscellaneous	24 00	
Charity	1 00				
Books and newspapers	7 50		Cost of food	.....	$250 60
Sickness	12 00		Expense other than food	.....	438 50
Amusements	20 00				
Sundries	24 00		Total cost of living	.....	689 10
Expense other than food	.....	438 50	Surplus	.....	1 90

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PAINTER.

CONDITIONS.—Family of two—husband and wife. Occupy a four-room frame house of their own; entire lot is vegetable garden; raise all vegetables and potatoes; last year potatoes failed; rooms are plainly furnished. Husband is Swiss, intelligent and fairly well educated; wife is German descent, industrious and economical.

Earnings of husband.	.....	$452 00	Meat	$54 50	
			Lard	6 00	
COST OF LIVING.			Butter	19 50	
			Flour	21 60	
Fuel	$21 00		Milk	9 25	
Lighting	7 00		Coffee	15 60	
Taxes	21 00		Tea	2 40	
Property insurance	3 85		Sugar	12 00	
Life insurance, husband	32 00		Potatoes	6 40	
Life insurance, wife	4 00		Canned goods	10 00	
Clothing for husband	41 00		Miscellaneous	25 00	
Clothing for wife	28 00		Wine and beer	15 00	
Furnitare and utensils.	2 00				
Religion	6 00		Cost of food	.....	$197 25
Charity	1 00		Expense other than food	.....	203 35
Books and newspapers.	3 00				
Amusements	10 00		Total cost of living	.....	400 60
Sundries	24 00				
Expense other than food	.....	203 35	Surplus*	.....	51 40

* Paid $50 interest, mortgage on property.

PAINTER.

CONDITIONS.—Family of eight—parents, three sons, aged 12, 11 and 4 years, two daughters, aged 13 and 6 years, mother aged 65 years. Occupy home of their own; 3 rooms and basement, kitchen and dining-room in basement; other rooms are let to two families; rooms are plainly furnished. Husband and wife are German, industrious and economical.

Earnings of husband	.....	$728 20	Meat	$110 00	
Income, other sources	.....	216 00	Lard	10 00	
			Butter	26 00	
Total income	.....	944 20	Eggs	6 50	
			Flour	41 60	
COST OF LIVING.			Milk	36 50	
			Coffee	18 00	
Fuel	$22 00		Tea	2 40	
Lighting	8 00		Sugar	15 00	
Taxes	56 00		Potatoes	28 40	
Property insurance	2 10		Vegetables	42 00	
Clothing for husband	46 00		Miscellaneous	55 00	
Clothing for wife	28 00		Beer	36 50	
Clothing for 5 children.	132 00				
Furniture and utensils.	6 00		Cost of food	.....	$427 90
Religion	6 00		Expense other than food	.....	397 90
Charity	2 00				
Books and newspapers.	10 80		Total cost of living	.....	825 80
Sickness	11 00				
Amusements	40 00		*Surplus	.....	118 40
Sundries	28 00				
Expense other than food	.....	397 90			

* Paid $96 interest on mortgage.

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PAINTER (BOSS).

CONDITIONS.—Family of four—parents, two daughters aged 13 and 11 years. Occupy second floor of new brick house; rooms are neatly furnished. Family is American, intelligent and well educated.

Earnings of husband		$838 80	Meat	$54 50	
			Lard	8 00	
COST OF LIVING.			Butter	26 00	
			Eggs	12 00	
Rent	$168 00		Flour	9 00	
Fuel	32 00		Bread	18 25	
Lighting	9 00		Coffee	15 60	
Life insurance, husband	45 00		Tea	4 20	
Clothing for husband	46 00		Sugar	14 00	
Clothing for wife	35 00		Milk	18 25	
Clothing for 2 children	75 00		Potatoes	8 00	
Furniture and utensils	4 00		Vegetables	24 00	
Religion	6 00		Canned goods	18 00	
Charity	10 00		Miscellaneous	30 00	
Books and newspapers	17 50				
Sickness	23 00		Cost of food		$259 80
Amusements	40 00		Expense other than food		546 50
Sundries	36 00				
Expense other than food		546 50	Total cost of living		806 30
			Surplus		32 50

COACH BUILDER.

CONDITIONS.—Family of six—parents, one son aged 5 years, three daughters aged 14, 3 and 1½ years. Occupy a five-room frame cottage of their own, with a garden in which they raise vegetables; house is plainly furnished; kept neat and clean. An American family, intelligent, well educated and industrious. House was built on the installment plan, on which he pays fifteen dollars ($15.00) per month.

Earnings of husband		$747 60	Meat	$70 00	
			Lard	8 00	
COST OF LIVING.			Butter	26 00	
			Flour	21 00	
Fuel	$26 00		Milk	10 00	
Lighting	10 00		Coffee	18 40	
Taxes	31 20		Sugar	15 00	
Property insurance	5 35		Tea	2 40	
Clothing for husband	36 00		Potatoes	9 50	
Clothing for wife	52 00		Vegetables	5 00	
Clothing for 4 children	80 00		Canned goods	6 00	
Furniture and utensils	4 00		Miscellaneous	16 00	
Religion	3 00				
Charity	2 00		Cost of food		207 30
Books and newspapers	21 00		Expense other than food		358 55
Sickness	7 00				
Amusements	45 00				
Sundries	36 00		Total cost of living		565 85
Expense other than food		358 55	Surplus*		181 75

*Paid $180 payment on house.

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COACH BUILDER.

CONDITIONS.—Family of four—parents, two daughters, aged 7 and 5 years. Occupy five rooms of a frame cottage of their own. Rooms are completely furnished. Railroad furnishes its employes with passes over its lines to and from work-shop. Husband and wife are intelligent and refined.

Earnings of husband...	.....	$738 60	Meat.....	$75 00	
			Lard..	10 00	
COST OF LIVING.			Butter.....	26 00	
			Eggs.....	12 00	
Fuel.....	$34 00		Flour.....	27 70	
Lighting.....	10 00		Milk.....	10 00	
Taxes.....	26 00		Coffee.....	16 00	
Property insurance....	4 35		Tea.....	3 60	
Clothing for husband..	35 00		Sugar.....	15 00	
Clothing for wife	45 00		Potatoes.	9 00	
Clothing for 2 children.	56 00		Vegetables.....	18 25	
Furniture and utensils	4 00		Miscellaneous.	24 00	
Religion.....	2 00		Canned goods..... ...	26 00	
Charity.....	1 00				
Books and newspapers.	9 60		Cost of food.....	.....	$272 55
Sundries.....	42 00		Expense other than food.....	.....	268 95
Expense other than food.....	.....	268 95	Total cost of living..	.....	541 50
			Surplus*.....	.....	197 10

*Paid $192 to building association.

COACH BUILDER.

CONDITIONS.—Family of three—parents, one daughter, aged 2 years. Own a 4-room frame house; rooms are neatly furnished. Husband and wife are American, intelligent and well educated.

Earnings of husband...	.....	$804 30	Meat.....	$68 00	
			Lard.....	8 00	
COST OF LIVING.			Butter.....	20 00	
			Eggs.....	12 00	
Fuel.....	$30 00		Flour	16 50	
Lighting.....	10 00		Milk.....	18 25	
Taxes.....	16 40		Coffee.....	18 60	
Property insurance....	5 00		Tea.....	4 20	
Clothing for husband..	41 00		Sugar.....	15 00	
Clothing for wife.....	56 00		Potatoes.....	6 40	
Clothing for child	22 00		Vegetables.....	18 25	
Furniture and utensils.	6 00		Canned goods.....	28 00	
Religion.....	1 00		Miscellaneous.....	25 00	
Charity.....	10 00		Beer and wine.....	36 00	
Books and newspapers.	7 50				
Sickness.....	5 00		Cost of food.....	.....	$294 20
Amusements.....	75 00		Expense other than food.....	.....	312 90
Sundries.....	28 00				
Expense other than food.....	.....	312 90	Total cost of living..	.....	607 10
			Surplus*.....	.....	197 70

* Paid $192 to building association.

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COACH BUILDER.

CONDITIONS.—Family of three—parents, one daughter aged 15 years. Occupy a frame house of their own, with a garden, and raise chickens; rooms are neatly furnished. Husband and wife are German, intelligent and fairly well educated.

Earnings of husband		$563 90	Meat	$84 00	
			Lard	6 00	
COST OF LIVING.			Butter	26 00	
			Flour	26 50	
Fuel	$26 50		Milk	18 25	
Lighting	8 00		Coffee	15 00	
Taxes	23 10		Tea	4 20	
Property insurance	4 50		Sugar	14 00	
Clothing for husband	41 00		Potatoes	14 60	
Clothing for wife	24 00		Vegetables	14 00	
Clothing for 1 child	31 00		Canned goods	20 00	
Furniture and utensils	4 00		Miscellaneous	18 00	
Charity	2 00		Beer	10 00	
Books and newspapers	4 00				
Sickness	15 00		Cost of food		$270 55
Amusements	10 00		Expense other than food		224 10
Sundries	28 00				
Expense other than food		224 10	Total cost of living		494 65
			Surplus*		69 25

*Paid $60 dollars to building association.

COACH BUILDER.

CONDITIONS.—Family of two—husband and wife. Occupy 2 rooms on first floor of an old brick house; front room is bed-room, ingrain carpet, plain furniture; rooms are neat and comfortable. Husband is German descent, wife is Swede; are intelligent and well educated.

Earnings of husband		$601 00	Meat	$72 00	
			Lard	10 00	
COST OF LIVING.			Butter	18 50	
			Eggs	10 00	
Rent	$84 00		Flour	16 50	
Fuel	23 00		Milk	9 00	
Lighting	9 00		Coffee	12 00	
Clothing for husband	23 00		Tea	2 40	
Clothing for wife	28 00		Sugar	12 00	
Furniture and utensils	26 50		Potatoes	6 40	
Charity	6 00		Vegetables	18 00	
Books and newspapers	7 50		Canned goods	4 00	
Sickness	2 00		Miscellaneous	21 00	
Amusements	20 00		Beer and wine	14 00	
Sundries	25 00				
			Cost of food		$225 80
Expense other than food		254 00	Expense other than food		254 00
			Total cost of living		479 80
			*Surplus		121 20

* Paid $120 to building association.

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INSIDE COACH FINISHER.

CONDITIONS.—Family of three—parents, one child aged 8 years. Occupy three rooms, a house of their own; a vegetable garden; rooms are plainly furnished, kept neat and clean. Husband and wife are German, industrious and economical.

Earnings of husband...	.....	$629 00	Meat.....	$84 00	
			Lard.....	4 00	
COST OF LIVING.			Butter.....	14 40	
			Eggs.....	7 80	
Fuel.....	$20 50		Flour.....	41 50	
Lighting.....	5 40		Bread.....	5 00	
Taxes.....	14 00		Milk.....	16 80	
Property insurance....	1 15		Coffee.....	24 00	
Life insurance, husband	26 00		Tea.....	1 20	
Clothing for husband..	42 00		Sugar.....	15 50	
Clothing for wife	25 00		Potatoes.....	12 00	
Clothing for 1 child....	25 00		Spices.....	1 50	
Furniture and utensils.	5 50		Miscellaneous.....	14 00	
Charity.....	1 00		Beer.....	38 40	
Books and newspapers.	10 20		Whisky.....	4 00	
Sickness.....	23 40				
Amusements.....	60 00		Cost of food.....	.....	$284 10
Sundries.....	38 60		Expense other than food.....	.....	297 75
Expense other than food.....	.....	297 75	Total cost of living..	.....	581 85
			*Surplus.....	.....	47 15

*Paid $24 interest on mortgage and $20 for repairs.

INSIDE COACH FINISHER.

CONDITIONS.—Family of six—parents, one daughter aged 11 years, three sons aged 7, 5 and 3 years. Occupy old frame house in bad repair; rooms are plainly furnished. Husband is German, intelligent and fairly well educated. Intends to build a house next year.

Earnings of husband...	.....	$710 40	Meat.....	$54 00	
			Lard.....	5 00	
COST OF LIVING.			Butter.....	26 00	
			Flour.....	8 00	
Rent.....	$96 00		Milk.....	18 25	
Fuel.....	22 00		Coffee.....	20 60	
Lighting.....	8 00		Sugar.....	12 00	
Life insurance, husband	28 00		Potatoes.....	16 75	
Clothing for husband..	30 00		Vegetables.....	14 25	
Clothing for wife.....	26 00		Canned goods.....	5 00	
Clothing for 4 children.	100 00		Miscellaneous.....	14 00	
Furniture and utensils.	6 00				
Charity.....	2 00		Cost of food.....	.....	$214 35
Books and newspapers.	2 00		Expense other than food.....	.....	352 00
Sickness.....	10 00				
Sundries.....	22 00		Total cost of living..	.....	566 35
Expense other than food.....	.....	352 00	Surplus*.....	.....	144 05

*Paid $144 to building association.

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INSIDE COACH FINISHER.

CONDITIONS.—Family of five—parents, two sons, aged 1 and 6 years, and one daughter, aged 8 years. Occupy three rooms of a flat on second floor; rooms are plainly furnished. Parents don't speak English; intelligent people; husband is a steady worker. Family has been here in the city a little over a year.

Earnings of husband...	.....	$652 50	Meat.....	$73 00	
			Lard.....	9 00	
COST OF LIVING.			Butter.....	26 00	
			Eggs.....	7 00	
Rent.....	$144 00		Flour.....	16 80	
Fuel.....	31 00		Milk.....	18 25	
Lighting.....	8 00		Coffee.....	15 60	
Clothing for husband..	42 00		Sugar.....	9 00	
Clothing for wife.....	18 00		Tea.....	1 20	
Clothing for 3 children	64 00		Potatoes.....	11 75	
Furniture and utensils.	3 00		Vegetables.....	14 00	
Religion.....	2 00		Canned goods.....	6 00	
Charity.....	1 00		Beer.....	36 00	
Books and newspapers	5 20				
Sickness.....	9 00		Cost of food.....	.....	$261 60
Amusements.....	20 00		Expense other than food.....	.....	369 20
Sundries.....	22 00				
Expense other than food.....	.....	369 20	Total cost of living.....	.....	630 80
			Surplus.....	.....	21 70

INSIDE COACH FINISHER.

CONDITIONS.—Family of three—parents and one son, aged 2½ years. Occupy two rooms and a kitchen of a frame cottage; rooms are well furnished and kept neat and clean. Husband is German, wife is German descent; industrious.

Earnings of husband...	.....	$688 00	Meat.....	$54 00	
			Lard.....	8 00	
COST OF LIVING.			Butter.....	19 50	
			Eggs.....	7 80	
Rent.....	$96 00		Flour.....	21 20	
Fuel.....	29 00		Milk.....	18 25	
Lighting.....	7 00		Coffee.....	15 50	
Life insurance, husband	38 00		Sugar.....	12 00	
Clothing for husband..	46 00		Potatoes.....	14 50	
Clothing for wife.....	26 00		Vegetables.....	18 25	
Clothing for one child..	20 00		Miscellaneous.....	30 00	
Furniture and utensils.	6 00				
Religion.....	2 00		Cost of food.....	.....	$219 00
Charity.....	6 00		Expense other than food.....	.....	345 50
Books and newspapers.	7 50				
Sickness.....	4 00		Total cost of living.....	.....	564 50
Amusements.....	20 00				
Sundries.....	38 00		Surplus*.....	.....	123 50
Expense other than food.....	.....	345 50			

* Paid $120 to building association.

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BLACKSMITH (HELPER).

CONDITIONS.—Family of two—husband and wife. Occupy upper floor of two rooms; rooms are plainly furnished. Husband and wife are American, and well educated. Husband lost two months' wages being sick.

Earnings of husband	.....	$428 60	Meat	$36 50	
			Lard	6 00	
COST OF LIVING.			Butter	19 60	
			Eggs	5 60	
Rent	$72 00		Flour	21 60	
Fuel	18 00		Milk	9 00	
Lighting	7 00		Coffee	14 40	
Life insurance, husband	18 00		Tea	1 80	
Clothing for husband	34 00		Sugar	11 00	
Clothing for wife	22 00		Potatoes	4 50	
Furniture and utensils	2 00		Vegetables	8 00	
Charity	1 00		Canned goods	14 00	
Books and newspapers	7 50		Miscellaneous	21 00	
Sickness	3 00		Liquor	30 00	
Amusements	20 00				
Sundries	18 00		Cost of food	.....	203 00
			Expense other than food	.....	222 50
Expense other than food	.....	222 50			
			Total cost of living	.....	425 50
			Surplus	.....	3 10

BLACKSMITH (HELPER).

CONDITIONS.—Family of two—husband and wife, aged 22 and 21 years. Occupy lower floor of a new brick house; rooms are completely furnished. Furniture was bought on time payment ($10 per month). Husband was sick in railroad hospital five weeks. Husband is English descent and wife is Irish. Both intelligent, industrious and economical.

Earnings of husband	.....	$419 10	Meat	$54 00	
			Lard	4 00	
COST OF LIVING.			Butter	12 00	
			Eggs	6 00	
Rent	$120 00		Flour	11 40	
Fuel	24 00		Milk	7 00	
Lighting	8 00		Coffee	1 20	
Clothing for husband	32 00		Tea	6 60	
Clothing for wife	18 00		Sugar	12 00	
Furniture and utensils	120 00		Potatoes	4 20	
Religion	3 00		Vegetables	3 00	
Sickness	12 00		Canned goods	8 00	
Sundries	14 00		Miscellaneous	14 00	
			Cost of food	.....	$143 40
Expense other than food	.....	351 00	Expense other than food	.....	351 00
			Total cost of living	.....	494 40
			Deficit	.....	75 30

* Doctor, butcher and grocer gave credit.

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BLACKSMITH.

CONDITIONS.—Family of five—parents, two sons aged 11 and 9 years, and one daughter aged 6½ years. Occupy a frame house of their own; rooms are plainly furnished but kept in good order. Husband and wife are Irish, intelligent and economical.

Earnings of husband	.....	$765 60	Meat	$82 00	
			Lard	10 00	
COST OF LIVING.			Butter	26 00	
			Eggs	14 50	
Fuel	$32 00		Flour	23 50	
Lighting	9 00		Milk	18 25	
Taxes	11 00		Coffee	15 00	
Property insurance	2 25		Sugar	18 00	
Life insurance, husband	42 00		Tea	1 20	
Clothing for husband	62 00		Potatoes	14 50	
Clothing for wife	35 00		Vegetables	36 50	
Clothing for 3 children	75 00		Miscellaneous	24 00	
Furniture and utensils	14 00		Beer	40 00	
Religion	6 00				
Charity	10 00		Cost of food	.....	$323 45
Books and newspapers	7 50		Expense other than food	.....	410 75
Sickness	9 00				
Amusements	50 00				
Sundries	46 00		Total cost of living	.....	734 20
Expense other than food	.....	410 75	Surplus*	.....	31 40

*Surplus on hand.

BLACKSMITH.

CONDITIONS.—Family of three—parents, one son aged 1 year. Occupy upper floor of a flat; rooms are plainly furnished, kept neat and clean. Husband and wife are Irish descent, intelligent, of moderate habits.

Earnings of husband	.....	$523 70	Meat	$65 00	
			Lard	12 00	
COST OF LIVING.			Butter	10 00	
			Eggs	14 00	
Rent	$144 00		Flour	14 50	
Fuel	38 00		Bread	8 00	
Lighting	10 00		Milk	8 25	
Clothing for husband	26 00		Coffee	16 50	
Clothing for wife	12 00		Sugar	21 00	
Clothing for 1 child	18 00		Potatoes	7 50	
Furniture and utensils	4 00		Vegetables	18 25	
Religion	6 00		Canned goods	8 00	
Charity	2 00		Miscellaneous	14 00	
Amusements	20 00				
Sundries	26 00		Cost of food	.....	$217 00
Expense other than food	.....	306 00	Expense other than food	.....	306 00
			Total cost of living	.....	523 00
			Surplus	.....	70

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BLACKSMITH.

CONDITIONS.—Family of three—parents, one daughter, aged 5-6 of a year. Occupy upper floor of an old brick house which is in bad repair; refuse is thrown out of house in yard; no hydrant. Husband and wife are Irish descent.

Earnings of husband		$709 20	Meat	$68 00	
			Lard	8 00	
COST OF LIVING.			Butter	31 20	
			Eggs	12 00	
Rent	$84 00		Flour	16 80	
Fuel	33 00		Bread	18 25	
Lighting	9 00		Milk	12 00	
Life insurance, husband	36 00		Coffee	36 40	
Clothing for husband	21 00		Sugar	18 00	
Clothing for wife	16 00		Potatoes	21 00	
Clothing for 1 child	32 00		Vegetables	18 25	
Furniture and utensils	4 00		Canned goods	6 00	
Religion	6 00		Miscellaneous	28 00	
Charity	5 00		Beer	36 50	
Books and newspapers	9 60		Whisky	42 00	
Sickness	10 00				
Amusements	40 00		Cost of food		$372 40
Sundries	34 00		Expense other than food		339 60
Expense other than food		339 60	Total cost of living		712 00
			Deficit		2 80

BLACKSMITH.

CONDITIONS.—Family of four—parents, one son, aged 9 months, one daughter, aged 9 months. Occupy second floor of a new brick building; rooms are completely furnished. Husband and wife are Americans, well educated.

Earnings of husband		$633 75	Meat	$90 00	
			Lard	6 00	
COST OF LIVING.			Butter	26 00	
			Eggs	6 50	
Rent	$84 00		Flour	33 00	
Fuel	24 00		Milk	18 25	
Lighting	10 00		Coffee	23 40	
Clothing for husband	15 00		Tea	1 80	
Clothing for wife	25 00		Sugar	9 00	
Clothing for 2 children	40 00		Potatoes	13 80	
Furniture and utensils	4 00		Vegetables	18 25	
Charity	6 00		Canned goods	46 40	
Labor organizations	6 00		Miscellaneous	24 00	
Books and newspapers	12 00				
Sickness	90 00		Cost of food		$316 40
Sundries	26 00		Expense other than food		342 00
Expense other than food		342 00	Total cost of living		658 40
			Deficit*		24 65

* Doctor bill not paid.

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BLACKSMITH (HELPER).

CONDITIONS.—Family of four—parents, one son aged 6 months, one daughter 2 years. Occupy two rooms on second floor of old brick house in bad repair; have bare floors, furniture plain. Husband and wife German.

Earnings of husband..	.....	$424 20	Meat.....	$54 00	
			Lard.....	8 00	
COST OF LIVING.			Butter.....	12 00	
			Eggs.....	4 50	
Rent.....	$72 00		Flour.....	22 00	
Fuel.....	18 00		Milk.....	12 00	
Lighting.....	6 00		Coffee.....	13 00	
Clothing for husband..	27 00		Tea.....	1 20	
Clothing for wife.....	14 00		Sugar.....	9 00	
Clothing for 2 children.	18 00		Potatoes.....	8 50	
Furniture and utensils.	2 00		Vegetables.	14 00	
Charity.....	1 00		Canned goods.....	6 00	
Books and newspapers.	2 00		Miscellaneous.....	16 00	
Sickness.....	13 00		Beer.....	20 00	
Amusements.....	20 00				
Sundries.....	26 00		Cost of food.....	.....	$200 20
			Expense other than food.....	.....	219 00
Expense other than food.....	.....	219 00	Total cost of living..	.....	419 20
			Surplus.....	.....	5 00

BLACKSMITH.

CONIDTIONS.—Family of four—parents, one daughter aged 7 years, one son aged 6 years. Occupy one room and kitchen on first floor of old brick house; rooms furnished plainly but completely. Husband and wife are of German descent.

Earnings of husband...	.....	$651 00	Meat.....	$64 00	
			Lard.....	10 00	
COST OF LIVING.			Butter.....	26 00	
			Eggs.....	7 20	
Rent.....	$66 00		Flour.....	24 50	
Fuel.....	26 00		Milk.....	18 25	
Lighting.....	7 00		Coffee.....	15 60	
Life insurance, husband	28 00		Tea.....	1 80	
Clothing for husband..	54 00		Sugar.....	15 00	
Clothing for wife.....	38 00		Potatoes.....	14 00	
Clothing for 2 children.	46 00		Vegetables.....	20 00	
Furniture and utensils	6 00		Canned goods.....	8 00	
Religion.....	2 00		Miscellaneous.....	42 00	
Charity.....	6 00				
Labor organizations....	3 00		Cost of food	.....	$266 35
Books and newspapers.	10 50		Expense other than food.....	.....	384 50
Sickness.....	14 00				
Amusements.....	36 00		Total cost of living..	.....	650 85
Sundries.....	42 00				
Expense other than food	.....	384 50	Surplus.....	.....	15

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BLACKSMITH.

CONDITIONS.—Family of seven—parents, one daughter, aged 13 years; four sons, aged 11, 8, 6 and 3 years. Occupy two large rooms of tenement building; rooms are scantily furnished; old carpet, plain furniture. Husband and wife are German; wife sews day and night to help support family.

Earnings of husband	.....	$531 30	Meat	$91 00	
Earnings of wife	.....	138 00	Lard	8 00	
			Butter	14 00	
Total earnings	.....	669 30	Eggs	9 00	
			Flour	6 00	
COST OF LIVING.			Bread	72 00	
			Milk	18 25	
Rent	$96 00		Coffee	12 00	
Fuel	24 00		Sugar	12 00	
Lighting	7 00		Potatoes	21 00	
Clothing for husband	38 00		Vegetables	16 00	
Clothing for wife	22 00		Miscellaneous	24 00	
Clothing for 5 children	68 00		Beer	12 00	
Furniture and utensils	6 00				
Religion	1 00		Cost of food	.....	$315 25
Books and newspapers	3 50		Expense other than food		325 50
Sickness	33 00				
Sundries	27 00		Total cost of living		640 75
Expenses other than food	.....	325 50	Surplus		28 55

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ST. CHARLES.

BLACKSMITH.

CONDITIONS.—Family of nine—parents, two sons, aged 9 and 4½ years, four daughters, aged 15, 13, 11½ and 7 years, and sister, aged 25. Occupy a one-story frame house with four rooms. Family have large garden in which they raise all the vegetables used by the household. Husband and wife are of German descent, industrious, economical and fairly well educated.

Earnings of husband ..	.....	$862 40	Fresh meat	$54 00	
			Salt meat.....	24 00	
COST OF LIVING.			Lard	12 50	
			Butter.....	39 00	
Fuel	$29 50		Flour	41 00	
Lighting.....	9 00		Milk	18 25	
Taxes.....	7 25		Coffee	23 40	
Property insurance	2 75		Tea	1 40	
Life insurance, husband	54 00		Sugar.....	15 00	
Clothing for husband ..	54 00		Spices.....	1 20	
Clothing for wife	30 00		Potatoes	29 75	
Clothing for sister and six children.....	200 00		Beer	52 00	
Furniture and utensils.	10 00		Cost of food	.....	$311 50
Religion.....	2 00		Expense other than food	.....	482 10
Books and newspapers .	5 60				
Sickness	15 00		Total cost of living..	.....	793 60
Amusements	25 00				
Sundries.....	38 00		Surplus.....	.....	68 80
Expense other than food	.....	482 10			

LABORER.

CONDITIONS.—Family of six—parents, two sons, aged 14 and 2 years, and two daughters, aged 8 and 5 years. Occupy small brick house of their own; furniture is plain. Husband is German, and industrious; wife is German descent.

Earnings of husband ..	.....	$387 45	Meat.....	$4 00	
" boy.....	.....	28 50	Butter.....	9 00	
			Eggs	5 60	
Total earnings.....	.....	415 95	Flour.....	18 90	
			Milk	10 00	
COST OF LIVING.			Coffee.....	12 00	
			Sugar.....	6 00	
Fuel	$21 00		Potatoes.....	9 40	
Lighting.....	6 00		Miscellaneous.....	14 00	
Taxes..	6 00		Beer, wine and whisky	30 00	
Property insurance....	65				
Clothing for husband..	38 00		Cost of food	.....	$118 90
Clothing for wife	18 00		Expense other than food	.....	227 65
Clothing for 4 children.	58 00				
Furniture and utensils.	2 00		Total cost of living..	.....	364 55
Religion	10 50				
Books and newspapers.	2 50		Surplus.*.....	.....	69 40
Sickness	7 00				
Amusements.....	10 00				
Mast for three hogs....	34 00				
Sundries.....	14 00				
Expense other than food	.....	227 65			

* Paid $18 interest on mortgage.

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FREIGHT-CAR BUILDER.

CONDITIONS.—Family of three—parents, one daughter aged 3 years. Occupy a new frame house; rooms are comfortably furnished. Husband and wife are American, intelligent and educated. Husband was laid off for one and one-half months.

Earnings of husband	.....	$527 50	Fresh and salt meat	$42 00	
			Lard	4 00	
COST OF LIVING.			Butter	12 00	
			Eggs	6 00	
Rent	$109 00		Flour	16 20	
Fuel	19 00		Milk	9 10	
Lighting	7 00		Coffee	15 60	
Life insurance, husband	36 00		Sugar	12 00	
Clothing for husband	46 00		Potatoes	5 00	
Clothing for wife	30 00		Vegetables	18 25	
Clothing for 1 child	18 00		Miscellaneous	14 00	
Furniture and utensils	3 00		Canned goods	20 00	
Religion	5 00				
Charity	1 00		Cost of food	.....	$174 15
Books and newspapers	2 00		Expense other than food	.....	315 00
Sickness	12 00				
Amusements	10 00		Total cost of living	.....	489 15
Sundries	17 00				
Expense other than food	.....	315 00	Surplus*.	.....	38 35

*Surplus on hand.

TOOL DRESSER.

CONDITIONS.—Family of three—parents and one daughter aged 16 years. Occupy a four-room brick house of their own; rooms are neatly furnished and kept clean. Both are German of little education.

Earnings of husband	.....	$509 25	Meat	$52 00	
Income, other sources	.....	12 00	Butter	19 50	
			Flour	27 40	
Total earnings	.....	521 25	Milk	18 25	
			Coffee	15 60	
COST OF LIVING.			Sugar	18 00	
			Potatoes	7 50	
Fuel	$23 00		Spices	2 25	
Lighting	8 00		Miscellaneous	18 00	
Taxes	18 00		Beer, wine and whisky	20 00	
Property insurance	1 25				
Clothing for husband	37 00		Cost of food	.....	$198 60
Clothing for wife	14 00		Expense other than food	.....	306 75
Clothing for 1 child	26 00				
Furniture and utensils	2 00		Total cost of living	.....	505 35
Religion	42 00				
Charity	1 00				
Books and newspapers	5 50		Surplus	.....	15 90
Sickness	61 00				
Amusements	10 00				
Mast for 3 hogs	34 00				
Sundries	24 00				
Expense other than food	.....	306 75			

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FREIGHT-CAR BUILDER.

CONDITIONS.—Family of eight—parents, three sons aged 17, 15 and 4 years; three daughters aged 13, 11 and 8 years. Occupy 3 rooms and kitchen of brick house, have a vegetable garden; rooms are plainly furnished. Husband Irish descent; wife German descent.

Earnings of husband	.....	$462 00	Fresh meat	$41 00	
Earnings of son aged 17	.....	283 00	Salt meat	39 00	
Earnings of son aged 15	.....	45 00	Lard	20 00	
Earnings of wife	.....	60 00	Butter	26 00	
			Flour	39 40	
Total earnings	.....	850 00	Milk	18 25	
			Coffee	31 20	
COST OF LIVING.			Sugar	18 00	
			Potatoes	22 00	
Rent	$84 00		Miscellaneous	16 00	
Fuel	30 00				
Lighting	8 00		Cost of food	.....	$270 85
Life insurance, wife	5 20		Expense other than food	.....	578 20
Clothing for husband	64 00				
Clothing for wife	35 00		Total cost of living	.....	849 05
Clothing for 6 children	224 00				
Furniture and utensils	14 00		Surplus	.....	95
Religion	2 00				
Charity	2 00				
Books and newspapers	3 00				
Sickness	21 00				
Amusements	50 00				
Sundries	36 00				
Expense other than food	.....	$578 20			

MACHINE MAN.

CONDITIONS.—Family of three—parents, and one daughter aged 2 years. Occupy a brick house of their own, have a large garden in which they raise potatoes; rooms are plainly furnished, rag-carpets on floors. Both are of German descent, intelligent and educated.

Earnings of husband	.....	$493 50	Fresh meat	$5 00	
			Butter	15 00	
COST OF LIVING.			Flour	19 40	
			Milk	10 00	
Fuel	$23 00		Coffee	15 60	
Lighting	8 00		Sugar	8 00	
Taxes	9 00		Potatoes	4 00	
Property insurance	1 15		Miscellaneous	22 00	
Clothing for husband	45 00		Spices	2 80	
Clothing for wife	21 00		Beer, wine and whisky	50 00	
Clothing for 1 child	12 00				
Furniture and utensils	6 00		Cost of food	.....	$151 80
Religion	40 00		Expense other than food	.....	293 65
Charity	5 00				
Books and newspapers	7 50		Total cost of living	.....	445 45
Sickness	55 00				
Amusements	10 00		Surplus*	.....	48 05
Feed for hogs	33 00				
Sundries	18 00				
Expense other than food	.....	293 65			

*Surplus on hand.

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FOREMAN PLANING MILL—FREIGHT DEPARTMENT.

CONDITIONS.—Family of five—parents, two sons aged 1 and 11 years and 8 years. Occupy a new fancy brick house of eight rooms, raise vegetables; 3 bed-rooms, front room, sitting room, dining room and kitchen are plainly furnished. Husband is of German descent; wife is German, intelligent and well educated.

Earnings of husband		1,020 00	Fresh meat	$52 00	
			Salt meat	13 50	
COST OF LIVING.			Lard	10 00	
			Butter	25 00	
Fuel	$34 00		Eggs	10 00	
Lighting	10 00		Flour	23 40	
Taxes	26 00		Milk	18 25	
Property insurance	1 75		Coffee	31 20	
Life insurance, husband	28 00		Tea	4 20	
Clothing for husband	68 00		Sugar	13 00	
Clothing for wife	42 00		Potatoes	10 00	
Clothing for 3 children	75 00		Canned goods	14 00	
Furniture and utensils	10 00		Miscellaneous	26 00	
Religion	27 50		Beer, wine and whisky	40 00	
Charity	10 00				
Books and newspapers	7 50		Cost of food		$291 05
Sickness	18 00		Expense other than food		445 75
Amusements	50 00				
Sundries	38 00		Total cost of living		736 80
Expense other than food		445 75	Surplus*		283 20

*Paid $200 on house. Remainder on hand.

CASTING MOULDER.

CONDITIONS.—Family of three—parents and one daughter, aged 3 months. Occupy rooms of new brick house with garden to raise vegetables; front room looks very neat, is carpeted; kitchen has oil-cloth on the floor and good range. Husband lost several months' wages (work was slack); is an American, industrious and economical; wife is of German descent.

Earnings of husband		$439 00	Fresh meat	$36 50	
			Salt meat	4 00	
COST OF LIVING.			Lard	2 00	
			Butter	16 00	
Rent	$72 00		Eggs	10 00	
Fuel	19 00		Flour	18 20	
Lighting	7 00		Milk	10 00	
Clothing for husband	54 00		Coffee	12 00	
Clothing for wife	46 00		Tea	2 10	
Clothing for 1 child	4 00		Sugar	13 00	
Furniture and utensils	2 00		Potatoes	4 00	
Religion	6 00		Canned goods	30 00	
Charity	2 00		Miscellaneous	15 00	
Books and newspapers	5 50				
Sickness	10 00		Cost of food		$172 80
Amusements	20 00		Expense other than food		264 50
Sundries	17 00				
Expense other than food		264 50	Total cost of living		437 30
			Surplus		1 70

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MACHINE MAN.

CONDITIONS.—Family of five—parents, two sons aged 16 and 10 years, one daughter aged 5 years. Occupy an old frame house of two rooms, in bad repair; two rooms are bed-rooms; scantily furnished; smoke-house is kitchen; have a garden in which they raise all vegetables used by the household, and have 4 bee-hives. Husband is German; lost 4 months' wages (had 3 fingers of his right hand taken off in shop); wife is German, very economical.

EARNINGS.			Fresh meat	$4 00	
			Salt meat	18 00	
Earnings of husband	.....	$311 75	Lard	4 00	
Earnings of son aged 16 years as tinner	.....	63 00	Butter	6 00	
			Flour	29 00	
Total earnings	.....	374 75	Milk	2 00	
			Coffee	15 00	
COST OF LIVING.			Sugar	2 00	
			Potatoes	12 00	
			Miscellaneous	14 00	
Rent	$72 00				
Fuel	18 00		Cost of food	.....	$106 00
Lighting	5 00		Expense other than food	.....	268 50
Clothing for husband	25 00				
Clothing for wife	16 00		Total cost of living	.....	374 50
Clothing for 3 children	64 00				
Furniture and utensils	2 00		Surplus	.....	25
Religion	6 00				
Charity	50				
Sickness	46 00				
Sundries	14 00				
Expense other than food	.....	268 50			

FREIGHT-CAR BUILDER.

CONDITIONS.—Family of two—husband and wife, aged 26 and 26 years. Occupy a new frame house with large garden; all vegetables and 50 per cent of potatoes were raised; rooms are completely furnished; kept neat and clean. Both are German descent. Husband did not work for three months (work being slack).

Earnings of husband	.....	$337 50	Meat	$14 00	
			Salt meat	18 00	
COST OF LIVING.			Butter	13 00	
			Flour	14 40	
Rent	$60 00		Milk	5 00	
Fuel	27 00		Coffee	9 00	
Lighting	8 00		Sugar	6 00	
Life insurance, husband	41 00		Potatoes	7 75	
Clothing for husband	46 00		Miscellaneous	18 00	
Clothing for wife	28 00		Beer, wine and whisky	20 00	
Furniture and utensils	2 00				
Books and newspapers	2 00		Cost of food	.....	$125 15
Sickness	5 75		Expense other than food	.....	260 75
Amusements	20 00				
Sundries	21 00		Total cost of living	.....	385 90
Expense other than food	.....	260 75	Deficit		48 40

*Mother-in-law did not collect all the rent.

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FREIGHT-CAR BUILDER.

CONDITIONS.—Family of six—parents, one son, aged 5 years, three daughters, aged 7, 4 and 1½ years. Occupy a brick house of three rooms; rooms are plainly furnished; have a garden in which they raise all potatoes and vegetables used by the family. Husband is German, intelligent and fairly well educated; was laid off for two months; wife is of German descent.

Earnings of husband...	.....	$434 00	Meat.....	$6 00	
			Butter.....	19 25	
COST OF LIVING.			Flour.....	27 40	
			Milk.....	9 50	
Rent.....	$84 00		Coffee.....	21 00	
Fuel.....	26 00		Sugar.....	12 00	
Lighting.....	6 00		Spices	2 40	
Life insurance, husband	15 00		Miscellaneous.....	14 00	
Clothing for husband..	44 00		Beer, wine and whisky.	20 00	
Clothing for wife.....	22 00				
Clothing for 4 children.	82 00		Cost of food.....	.....	$131 55
Furniture and utensils.	3 00		Expense other than food.....	.....	370 50
Religion.	6 00				
Charity.....	1 00		Total cost of living..	.....	502 05
Books and newspapers.	2 00				
Sickness.	29 00		Deficit*....	.....	68 05
Amusements.....	10 00				
Mast for hogs.....	23 00				
Sundries.....	17 50				
Expense other than food.....	.....	370 50			

*Used savings of former years.

FREIGHT-CAR BUILDER.

CONDITIONS.—Family of two—husband and wife, aged 38 and 36 years. Occupy brick house of their own; rooms are plainly furnished. Husband is German; was laid off for four months; is intelligent and fairly well educated. Wife is of German descent; earns from 50c to 75c per day washing clothes.

Earnings of husband...	.....	$262 50	Meat.....	$10 00	
Earnings of wife.....	.....	110 00	Salt meat..... .	26 00	
Income, rent of house..	.....	84 00	Lard.....	8 00	
			Butter.....	10 00	
Total earnings	.....	456 50	Flour.....	21 00	
			Milk.....	9 50	
COST OF LIVING.			Coffee.....	14 40	
			Tea.....	1 40	
Fuel	$24 00		Sugar..... ...	12 00	
Lighting.....	9 00		Potatoes.....	7 50	
Taxes.....	18 50		Miscellaneous.....	17 00	
Property insurance....	2 40		Beer, wine and whisky	52 00	
Clothing for husband..	48 00				
Clothing for wife.....	25 00		Cost of food..... .	....	$188 80
Furniture and utensils.	6 00		Expense other than food	.....	200 90
Sickness.....	3 00				
Amusements.....	40 00				
Sundries.....	25 00		Total cost of living ..	.....	389 70
Expense other than food.....	.....	200 90	Surplus*.....	.....	66 80

* Paid $72 on house; had a deficit of $5.20 which grocer gave credit.

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FREIGHT CAR BUILDER.

CONDITIONS.—Family of seven—parents, two daughters aged 19 and 15 years; three sons aged 11, 6 and 3 years. Occupy three large rooms of a brick house; rooms are plainly furnished. Husband and wife are American; husband lost two months' wages; wife is industrious and economical.

Earnings of husband	.....	$437 50	Fresh meat	$20 00	
			Salt meat	34 00	
COST OF LIVING.			Lard	6 00	
			Butter	13 00	
Rent	$108 00		Eggs	6 00	
Fuel	17 00		Flour	26 00	
Lighting	6 00		Milk	9 15	
Clothing for husband	42 00		Coffee	14 40	
Clothing for wife	35 00		Tea	1 40	
Clothing for 5 children	80 00		Sugar	14 00	
Furniture and utensils	3 00		Potatoes	19 50	
Religion	2 00		Canned goods	14 00	
Sundries	14 00		Miscellaneous	18 00	
Expense other than food	.....	307 00	Cost of food	.....	$195 45
			Expense other than food	.....	307 00
			Total cost of living	.....	502 45
			Deficit	.....	64 95

FREIGHT-CAR BUILDER.

CONDITIONS.—Family of three—parents, one son aged 1 year. Occupy two rooms of a new brick house with a garden to raise all vegetables. Rooms are plainly furnished. Husband lost two-and-one-half months' wages on account of work being slack. Both are of German descent.

Earnings of husband	.....	$429 50	Meat	$10 00	
			Salt meat	34 00	
COST OF LIVING.			Lard	6 00	
			Butter	14 40	
Rent	$72 00		Flour	15 00	
Fuel	17 00		Milk	9 15	
Lighting	6 00		Coffee	13 00	
Clothing for husband	42 00		Sugar	12 00	
Clothing for wife	30 00		Potatoes	6 50	
Clothing for 1 child	16 00		Canned goods	5 00	
Furniture and utensils	4 00		Miscellaneous	14 00	
Religion	2 00		Beer, wine and whisky	25 00	
Books and newspapers	2 00				
Amusements	40 00		Cost of food	.....	$164 05
Sundries	17 00		Expense other than food	.....	248 00
Expense other than food	.....	248 00	Total cost of living	.....	412 05
			Surplus	.....	17 45

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MACHINE MAN.

CONDITIONS.—Family of three—parents, one daughter aged 1 year. Occupy two rooms of a flat—kitchen and bed-room; rooms are neat and clean. Both of German descent, intelligent and well educated.

Earnings of husband..	.....	$576 00	Meat.....	$5 00	
			Salt meat.....	26 00	
COST OF LIVING.			Butter.....	14 50	
			Eggs.....	6 00	
Rent.....	$60 00		Flour.....	17 40	
Fuel.....	28 00		Milk.....	9 25	
Lighting.....	8 00		Coffee.....	14 40	
Clothing for husband..	54 00		Tea.....	1 40	
Clothing for wife.....	40 00		Sugar.....	15 00	
Clothing for 1 child....	10 00		Potatoes.....	7 50	
Furniture and utensils.	6 00		Vegetables.....	18 25	
Religion.....	10 00		Miscellaneous.....	21 00	
Charity.....	5 00		Beer, wine and whisky.	26 00	
Books and newspapers.	7 50				
Sickness.....	15 00		Cost of food.....	.....	$181 70
Amusements.....	40 00		Expense other than food.....	.....	309 50
Sundries.....	26 00				
Expense other than food.....	.....	309 50	Total cost of living..	.....	491 20
			Surplus.....	.....	84 80

FREIGHT-CAR BUILDER.

CONDITIONS.—Family of five—parents, two daughters aged 6 months and 5 years, one son aged 2½ years. Occupy two rooms and kitchen; house of their own with garden to raise vegetables. Husband is German, wife of German descent, intelligent and economical.

Earnings of husband..	.....	$543 00	Meat.....	$6 00	
			Salt meat.....	22 00	
COST OF LIVING.			Butter.....	21 00	
			Flour.....	18 00	
Fuel.....	$27 00		Milk.....	18 25	
Lighting.....	7 00		Coffee.....	14 40	
Taxes.....	13 20		Tea.....	2 10	
Property insurance....	2 10		Sugar.....	13 00	
Life insurance, husband	42 00		Potatoes.....	7 50	
Clothing for husband..	45 00		Canned goods.....	6 00	
Clothing for wife.....	30 00		Miscellaneous.....	17 00	
Clothing for 3 children.	30 00		Beer and liquor.....	26 00	
Furniture and utensils.	4 00				
Religion.....	10 00		Cost of food.....	.....	171 25
Charity.....	5 00		Expense other than food.....	.....	288 90
Books and newspapers.	5 60				
Sickness.....	21 00		Total cost of living..	.....	460 15
Amusements.....	30 00				
Sundries.....	17 00		Surplus.....	.....	82 85
Expense other than food.....	.....	288 90			

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FOREMAN COACH BUILDER.

CONDITIONS.—Family of two—husband and wife. Occupy new brick house; rooms are furnished elegantly. Husband has a number of books, bought an encyclopedia for $20, is very intelligent. Husband and wife are Swedes.

Earnings of husband	.....	$960 00	Meat	$109 50	
Income, other sources	.....	200 00	Salt meat	10 00	
			Lard	6 00	
Total earnings	.....	1,160 00	Butter	39 00	
			Eggs	15 00	
COST OF LIVING.			Flour	22 00	
			Milk	36 50	
Rent	$180 00		Coffee	15 60	
Fuel	30 00		Tea	10 50	
Lighting	12 00		Sugar	18 00	
Clothing for husband	65 00		Potatoes	12 50	
Clothing for wife	40 00		Vegetables	36 50	
Furniture and utensils	20 00		Spices	2 10	
Charity	20 00		Miscellaneous	26 00	
Associations	30 00		Beer, wine, whisky	40 00	
Books and newspapers	27 50				
Sickness	30 00		Cost of food	.....	$399 20
Amusements	100 00		Expense other than food	.....	594 50
Sundries	40 00				
Expense other than food	.....	594 50	Total cost of living	.....	993 70
			*Surplus	.....	166 30

* Surplus on hand.

FOREMAN COACH-BODY BUILDER.

CONDITIONS.—Family of four—parents, two daughters, aged 3 and 1 years. Occupy two rooms and kitchen of a frame house; rooms are furnished completely. Husband is Scotch, wife of German descent and intelligent.

Earnings of husband	.....	$960 00	Meat	$93 10	
Income, other sources	.....	200 00	Salt meat	10 00	
			Lard	10 00	
Total earnings	.....	1,160 00	Butter	39 00	
			Eggs	15 00	
COST OF LIVING.			Flour	16 80	
			Bread	10 00	
Rent	$96 00		Milk	36 50	
Fuel	30 00		Tea	39 00	
Lighting	10 00		Sugar	26 00	
Life insurance, husband	15 00		Vegetables	36 50	
Clothing for husband	70 00		Potatoes	12 00	
Clothing for wife	40 00		Spices	2 10	
Clothing for 2 children	30 00		Canned goods	26 00	
Furniture and utensils	14 00		Miscellaneous	25 00	
Religion	25 00		Beer, wine and whisky	25 00	
Charity	5 00				
Books and newspapers	15 00		Cost of food	.....	$421 90
Sickness	40 00		Expense other than food	.....	540 00
Amusements	100 00				
Sundries	50 00		Total cost of living	.....	961 90
Expense other than food	540 00		Surplus*	.....	198 10

* Invested $150.

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MACHINE MAN.

CONDITIONS.—Family of three—parents, one daughter aged 3 months. Occupy two rooms of an old brick house, bed-room and kitchen; furniture very plain, kept neat and clean. Husband did not have work for two months. Both are of German descent.

Earnings of husband	.....	$395 00	Meat	$52 00	
			Salt meat	4 00	
COST OF LIVING.			Lard	5 00	
			Butter	12 00	
Rent	$72 00		Eggs	6 00	
Fuel	19 00		Flour	4 00	
Lighting	7 00		Bread	18 25	
Clothing for husband	38 00		Coffee	13 00	
Clothing for wife	24 00		Sugar	12 00	
Clothing for 1 child	6 00		Potatoes	9 00	
Furniture and utensils	2 00		Vegetables	15 00	
Religion	2 00		Spices	1 50	
Charity	1 00		Miscellaneous	14 00	
Books and newspapers	2 00				
Sickness	35 00		Cost of food	.....	$165 75
Amusements	10 00		Expense other than food	.....	241 00
Sundries	21 00				
Expense other than food	.....	241 00	Total cost of living	.....	406 75
			Deficit	.....	11 75

CASTING MOULDER.

CONDITIONS.—Family of four—parents, two daughters, aged 9 months and 3 years. Occupy their own house, with a garden in which they raise all vegetables needed

Earnings of husband	.....	$458 90	Meat	$54 50	
			Salt meat	8 25	
COST OF LIVING.			Lard	6 00	
			Butter	14 00	
Fuel	$27 00		Eggs	12 00	
Lighting	9 00		Flour	17 80	
Taxes	18 00		Milk	9 25	
Property insurance	2 30		Coffee	18 00	
Life insurance, husband	36 00		Sugar	10 00	
Clothing for husband	44 00		Potatoes	10 00	
Clothing for wife	25 00		Miscellaneous	16 00	
Clothing for 2 children	25 00		Canned goods	8 00	
Furniture and utensils	4 00				
Religion	10 80		Cost of food	.....	$183 80
Charity	5 00		Expense other than food	.....	298 30
Books and newspapers	2 00				
Sickness	27 00		Total cost of living	.....	482 10
Amusements	30 00				
Sundries	24 00		Deficit*	.....	23 20
Expense other than food	.....	$298 30			

* Grocer gave credit.

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CASTING MOULDER.

CONDITIONS.—Family of three—parents and one daughter aged 3 years. Occupy house of their own; house and furniture new. Two brothers board with family. Husband and wife are German descent, intelligent and industrious.

Earnings of husband	.....	$447 10	Meat	$109 50	
Income, other sources	.....	400 00	Salt meat	12 00	
			Lard	14 00	
Total earnings	.....	847 10	Butter	52 00	
			Eggs	18 00	
COST OF LIVING.			Flour	22 50	
			Bread	9 00	
Fuel	$28 00		Coffee	18 00	
Lighting	8 00		Tea	4 90	
Taxes	30 00		Sugar	21 00	
Property insurance	2 20		Potatoes	18 00	
Life insurance, husband	23 00		Vegetables	36 50	
Clothing for husband	60 00		Spices	1 80	
Clothing for wife	36 00		Canned goods	14 00	
Clothing for 1 child	18 00		Miscellaneous	24 00	
Furniture and utensils	6 00		Beer and wine	60 00	
Religion	25 00				
Charity	5 00		Cost of food	.....	$435 20
Books and newspapers	7 50		Expense other than food	.....	335 70
Sickness	21 00				
Amusements	40 00				
Sundries	26 00		Total cost of living	.....	770 90
Expense other than food	.....	$335 70	Surplus*	.....	76 20

*Surplus on hand.

MACHINE HAND.

CONDITIONS—Family of four—parents, one son, aged 6 years, one daughter, aged 3 years. Occupy one room and kitchen of an old brick house; rooms are plainly furnished. Husband had no work for 2 months is German, fairly well educated; wife is German.

Earnings of husband	.....	$353 15	Meat	$31 00	
			Lard	6 00	
COST OF LIVING.			Butter	11 00	
			Eggs	4 00	
Rent	$60 00		Flour	14 20	
Fuel	17 00		Milk	9 00	
Lighting	6 00		Coffee	8 00	
Clothing for husband	44 00		Sugar	6 00	
Clothing for wife	22 00		Potatoes	10 00	
Clothing for 2 children	27 00		Miscellaneous	14 00	
Furniture and utensils	4 00		Beer	20 00	
Religion	2 00				
Books and newspapers	2 00		Cost of food	.....	$133 20
Amusements	10 00		Expense other than for food	.....	211 50
Sundries	17 50				
Expense other than food	.....	211 50	Total cost of living	.....	344 70
			Surplus	.....	8 45

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MACHINE MAN.

CONDITIONS.—Family of three—parents, one daughter, aged 7 years. Occupy an old brick house; rooms are completely furnished, kept neat and comfortable. Husband is American; wife is of German descent.

Earnings of husband	.....	$685 50	Meat	$36 50	
			Salt meat	18 25	
COST OF LIVING.			Lard	5 00	
			Butter	16 00	
Rent	$84 00		Flour	19 75	
Fuel	28 00		Milk	9 25	
Lighting	8 00		Coffee	14 40	
Life insurance, husband	48 00		Sugar	13 50	
Clothing for husband	64 00		Potatoes	14 00	
Clothing for wife	28 00		Vegetables	20 00	
Clothing for one child	35 00		Canned goods	12 00	
Furniture and utensils	6 00		Spices	1 20	
Charity	2 00		Miscellaneous	18 00	
Books and newspapers	2 00		Beer and wine	50 00	
Sickness	3 50				
Amusements	20 00		Cost of food	.....	$237 85
Sundries	26 00		Expense other than food	.....	354 50
Expense other than food	354 50		Total cost of living	.....	592 35
	.....		Surplus*	.....	93 15

* Paid $72 to building association.

CABINET MAKER—COACH-BODY BUILDER.

CONDITIONS.—Family of five—parents, one son, aged 5 years, two daughters, aged 9 months and 3½ years. Occupy lower floor of fine brick building; rooms are completely furnished. Husband and wife of German descent, and well educated.

Earnings of husband	.....	$573 25	Meat	$54 60	
			Salt meat	12 00	
COST OF LIVING.			Lard	10 00	
			Butter	15 00	
Rent	$96 00		Flour	22 40	
Fuel	22 00		Milk	9 25	
Lighting	8 00		Coffee	14 40	
Clothing for husband	60 00		Sugar	13 00	
Clothing for wife	36 00		Tea	2 70	
Clothing for 3 children	25 00		Spices	1 00	
Furniture and utensils	6 00		Potatoes	14 00	
Religion	10 00		Vegetables	26 00	
Charity	5 00		Canned goods	18 00	
Books and newspapers	7 80		Miscellaneous	24 00	
Sickness	2 00		Beer, wine and whisky	26 00	
Amusements	25 00				
Sundries	34 00		Cost of food	.....	261 75
Expense other than food	.....	336 80	Expense other than food	.....	336 80
			Total cost of living	.....	598 55
			Deficit	.....	25 30

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CABINET MAKER—COACH-BODY BUILDER.

CONDITIONS.—Family of two—husband and wife, aged 31 and 24 years. Occupy rooms of an old brick house; rooms are not completely furnished; buy every year furniture not to bring themselves in debt; bought a range last winter for $45; front room is not carpeted. Both are English.

Earnings of husband	.....	$637 40	Meat	$36 50	
			Salt meat	18 25	
COST OF LIVING.			Lard	5 00	
			Butter	15 00	
Rent	$120 00		Flour	17 70	
Fuel	22 00		Milk	9 25	
Lighting	7 00		Coffee	13 00	
Life insurance, husband	27 00		Sugar	14 50	
Clothing for husband	72 00		Tea	35	
Clothing for wife	28 00		Spices	1 20	
Furniture and utensils	62 00		Potatoes	6 00	
Religion	2 00		Vegetables	26 00	
Charity	50		Canned goods	14 00	
Books and newspapers	5 40		Miscellaneous	18 50	
Sickness	1 25		Beer, wine and whisky	30 00	
Amusements	25 00				
Sundries	23 00		Cost of food	.....	$225 25
Expense other than food	.....	400 15	Expense other than food	.....	400 15
			Total cost of living	.....	625 40
			Surplus	.....	12 00

GLAZIER.

CONDITIONS.—Family of two—husband and wife, aged 26 and 23 years. Occupy lower floor of an old brick house; plainly furnished; front room was carpeted. Husband and wife are English, intelligent and fairly well educated.

Earnings of husband	.....	$396 00	Eggs	$5 00	
			Flour	14 00	
COST OF LIVING.			Milk	9 00	
			Coffee	9 00	
Rent	$30 00		Sugar	8 00	
Fuel	18 00		Potatoes	11 00	
Lighting	5 00		Vegetables	10 00	
Clothing for husband	42 00		Canned goods	14 00	
Clothing for wife	26 00		Miscellaneous	14 00	
Furniture and utensils	35 00		Beer and wine	26 00	
Books and newspapers	2 00				
Sundries	18 00		Cost of food	.....	190 50
Expenses other than food	.....	206 00	Expense other than food	.....	206 00
Meat	36 50		Total cost of living	.....	396 50
Salt meat	6 00				
Lard	6 00		Deficit	.....	50
Butter	12 00				

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STEAM FITTER.

CONDITIONS —Family of four—parents, one son, aged 4 years, one daughter, aged 6 years. Occupy one-story; front is parlor, second room is bed-room; kitchen is small. Husband and wife are Americans, intelligent and well educated.

Earnings of husband..	.....	$713 45	Meat	$10 00	
			Salt meat.....	56 00	
COST OF LIVING.			Lard.....	12 00	
			Butter.....	15 00	
Rent	$108 00		Eggs.....	15 00	
Fuel..	34 00		Flour.....	21 00	
Lighting.....	8 00		Milk.....	10 00	
Life insurance, husband	24 00		Coffee	14 40	
Clothing for husband...	64 00		Sugar.....	15 00	
Clothing for wife	42 00		Spices.....	1 00	
Clothing for 2 children.	36 00		Potatoes.....	9 00	
Furniture and utensiles	4 00		Canned goods.....	17 50	
Charity.....	1 00		Miscellaneous.....	22 00	
Labor organizations...	6 00		Beer, wine and whisky	40 00	
Other associations.....	16 00				
Books and newspapers.	6 50		Cost of food.....	.....	$258 40
Sickness.....	63 25		Expense other than food.....	.....	478 75
Amusements.....	40 00				
Sundries.....	26 00		Total cost of living..	.....	739 15
Expense other than food.....	.....	478 75	Deficit.....	.....	25 70

*Doctor and undertaker gave credit.

TINNER.

CONDITIONS.—Family of two—husband and wife aged 32 and 23 years. Occupy a neat brick house of five rooms; have a garden in which they raise some vegetables; rooms are elegantly furnished. Both are German descent and educated.

Earnings of husband...	.....	$576 00	Meat.....	$54 60	
			Salt meat.....	18 00	
COST OF LIVING.			Lard.....	5 00	
			Butter.....	10 50	
Rent	$156 00		Flour.....	2 50	
Fuel.....	32 00		Bread.....	18 25	
Lighting.....	8 00		Milk.....	9 15	
Clothing for husband..	45 00		Coffee.....	10 00	
Clothing for wife.....	24 00		Tea.....	1 00	
Furniture and utensils.	4 00		Sugar.....	12 00	
Charity.....	1 00		Potatoes.	8 00	
Books and newspapers.	2 50		Vegetables.....	18 00	
Sickness.....	78 00		Spices.....	1 50	
Amusements.....	6 00		Miscellaneous.....	16 00	
Sundries.....	24 00		Beer and wine.....	25 00	
Expense other than food.....	.....	380 50	Cost of food.....	.....	$209 50
			Expense other than food.....	.....	380 50
			Total cost of living..	.....	590 00
			Deficit.....	.....	14 00

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STEAM-BRAKE FITTER.

CONDITIONS.—Family of five—parents, one son aged 6 years, two daughters aged ½ and 3 years. Occupy frame house of four rooms; rooms are plainly furnished. Wife tends to farm, and has help which they pay $1.25 when husband works in shop.

Earnings of husband	.....	$385 00	Meat	$6 00	
Income, other sources	.....	209 00	Flour	22 00	
			Coffee	15 00	
Total earnings	.....	594 00	Tea	2 10	
			Sugar	14 00	
COST OF LIVING.			Miscellaneous	14 00	
			Beer and wine	50 00	
Rent	$108 00				
Fuel	21 00		Cost of food	.....	$123 10
Lighting	7 00		Expense other than food	.....	330 85
Taxes	85				
Clothing for husband	55 00				
Clothing for wife	30 00		Total cost of living	.....	453 95
Clothing for 3 children	25 00				
Furniture and utensils	16 00		Surplus*	.....	140 05
Religion	5 00				
Charity	1 00				
Sickness	4 00				
Amusements	20 00				
Sundries	38 00				
Expense other than food	.....	330 85			

*Paid $21 for rent of 6 acres of land; $56 for help on farm. Remainder on hand.

LABORER.

CONDITIONS.—Family of seven—parents, one daughter aged 18 years, four sons aged 17, 15, 12 and 10 years. Occupy four-room house of their own, with smokehouse and stable; keep one cow, raise hogs and chickens; house is plainly furnished, have no carpet on floors. Husband and wife are German and economical.

Earnings of husband	.....	$321 00	Meat	$10 00	
Earnings of son (eldest)	.....	293 00	Flour	28 75	
Earnings next son	.....	108 00	Corn meal	6 00	
			Coffee	14 40	
Total earnings	.....	722 00	Sugar	12 00	
			Spices	1 40	
COST OF LIVING.			Miscellaneous	12 00	
			Beer, wine and whisky	60 00	
Fuel	$26 00				
Lighting	8 00		Cost of food	.....	$144 55
Taxes	14 60		Expense other than food	.....	442 35
Property insurance	1 75				
Clothing for husband	54 00				
Clothing for wife	28 00		Total cost of living	.....	586 90
Clothing for 5 children	200 00				
Furniture and utensils	14 00		Surplus*	.....	135 10
Religion	6 00				
Charity	2 00				
Books and newspapers	2 00				
Sickness	11 00				
Amusements	50 00				
Sundries	25 00				
Expense other than food	.....	442 35			

*Paid $25 interest on mortgage; $72 to building association.

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MACHINE HAND.

CONDITIONS.—Family of six—parents, one daughter 14 years of age and three sons aged 12, 5 and 2 years. Occupy an old frame house in bad repair, with chicken yard and stable; rooms are scantily furnished, two rooms are used as bedrooms, and a winter kitchen. Husband is German; wife German descent, both are very economical.

Earnings of husband...	.....	$434 00	Meat.....	$5 00	
			Salt meat.....	11 40	
COST OF LIVING.			Butter.....	12 00	
			Flour.....	23 40	
Rent.	$78 00		Corn meal.....	5 00	
Fuel.....	19 00		Milk.....	9 10	
Lighting.....	7 00		Coffee.....	9 00	
Clothing for husband..	46 00		Sugar.....	10 00	
Clothing for wife.....	26 00		Potatoes.....	14 00	
Clothing for 4 children.	80 00		Miscellaneous	18 00	
Furniture and utensils.	6 00		Beer, wine and whisky.	20 00	
Religion.....	5 00				
Charity.....	1 00		Cost of food.....	.....	$136 90
Books and newspapers.	2 00		Expense other than food.....	.....	323 00
Sickness.....	27 00				
Sundries.....	26 00		Total cost of living..	.....	459 90
Expense other than food.....	.....	323 00	Deficit.....	.....	25 90

MACHINE HAND.

CONDITIONS.—Family of three—parents and one son 9 years of age. Occupy a frame house of their own; have a vegetable garden, smoke-house and a chicken yard. Rooms are plainly furnished, but kept clean. Husband is German; wife German descent; very economical people.

Earnings of husband...	.....	$355 00	Meat.....	$6 00	
			Salt meat.....	24 00	
COST OF LIVING.			Lard.....	5 00	
			Butter.....	10 00	
Fuel.....	$18 00		Flour.....	14 30	
Lighting.....	7 00		Milk.....	7 50	
Taxes.....	9 15		Coffee.....	12 00	
Property insurance....	90		Sugar.....	9 00	
Clothing for husband..	45 00		Potatoes.....	8 00	
Clothing for wife.....	20 00		Spices.....	1 10	
Clothing for 1 child....	28 00		Miscellaneous.....	19 00	
Furniture and utensils.	2 00		Beer, wine and whisky.	24 00	
Charity.....	50				
Sickness.....	55 00		Cost of food.....	.....	$139 90
Sundries.....	21 00		Expense other than food.....	.....	206 55
Expense other than food.....	.....	206 55	Total cost of living...	.....	346 45
			Surplus	.....	8 55

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MACHINE HAND.

CONDITIONS.—Family of five—parents, one son 5 years of age and two daughters aged 2 months and 2 years. Occupy small frame house, with garden; rooms are plainly furnished, kept neat. Husband and wife are German descent.

Earnings of husband..	.....	$337 50	Meat.....	$5 00	
			Salt meat.....	16 00	
COST OF LIVING.			Lard.....	6 00	
			Butter.....	10 00	
Rent.....	$78 00		Eggs.....	6 00	
Fuel.....	17 00		Flour.....	17 50	
Lighting.....	6 00		Milk.....	9 00	
Clothing for husband..	42 00		Coffee.....	10 00	
Clothing for wife.....	20 00		Sugar.....	9 00	
Clothing for 3 children.	18 00		Potatoes.....	7 50	
Furniture and utensils.	4 00		Spices.....	1 20	
Religion.....	2 00		Miscellaneous.....	17 00	
Books and newspapers.	2 00				
Sickness.....	43 00		Cost of food.....	.....	$114 20
Sundries.....	16 00		Expense other than food.....	.....	248 00
Expense other than food.....	.....	248 00	Total cost of living..	.....	362 00
			Deficit.....	.....	24 70

CABINET MAKER—COACH BODY-BUILDER.

CONDITIONS.—Family of seven—parents, three daughters, aged 14, 10 and 8 years, two sons, aged 12 and 5 years. Occupy upper floor of an old brick house; house in bad repair; rooms are plainly furnished. Wife sews shirts at 35 cents per dozen. Husband and wife are Irish; wife cannot read or write.

Earnings of husband...	.....	$587 00	Meat.....	$72 00	
Earnings of wife.....	.....	85 00	Lard.....	6 00	
			Butter.....	42 00	
Total earnings.....	.....	672 00	Eggs.....	15 00	
			Flour.....	5 00	
COST OF LIVING.			Bread.....	56 00	
			Coffee.....	17 50	
Rent.....	$84 00		Sugar.....	13 00	
Fuel.....	34 00		Potatoes.....	6 00	
Lighting.....	7 00		Canned goods.....	18 00	
Life insurance, husband	10 40		Vegetables.....	7 50	
Clothing for husband...	52 00		Fruit.....	14 00	
Clothing for wife.....	28 00		Miscellaneous.....	18 00	
Clothing for 5 children.	100 00		Spices.....	1 00	
Furniture and utensils.	4 00				
Charity.....	1 00		Cost of food.....	.....	$291 00
Books and newspapers.	7 80		Expense other than food.....	.....	395 20
Sickness.....	23 00				
Amusements.....	10 00				
Sundries.....	34 00		Total cost of living..	.....	686 20
Expense other than food.....	.....	395 20	Deficit.....	.....	14 20

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MACHINE MAN.

CONDITIONS.—Family of six—parents, three sons, aged 6 months, 3 and 7 years, and one daughter, aged 5 years. Occupy an old house of their own; rooms are plainly furnished; family have vegetable garden, smoke-house and stable. Husband is German; wife of German descent.

Earnings of husband	.....	$476 00	Meat	$10 00	
			Butter	12 00	
COST OF LIVING.			Flour	26 00	
			Milk	9 15	
Fuel	$19 00		Coffee	14 40	
Lighting	7 00		Sugar	9 00	
Taxes	11 00		Potatoes	19 75	
Property insurance	1 20		Spices	1 80	
Life insurance, husband	15 00		Miscellaneous	14 00	
Clothing for husband	48 00				
Clothing for wife	24 00		Cost of food	.....	$116 10
Clothing for 4 children	60 00		Expense other than food	.....	296 20
Furniture and utensils	2 00				
Religion	10 00		Total cost of living	.....	412 30
Charity	2 00				
Books and newspapers	2 00		Surplus	.....	63 70
Sickness	35 00				
Amusements	10 00				
Feed for hogs	32 00				
Sundries	18 00				
Expense other than food	.....	296 20			

CARPENTER (COACH-BODY BUILDER).

CONDITIONS.—Family of two—husband and wife aged 24 and 21 years. Occupy two rooms of frame house; furniture is plain, front room has carpet on floor, kitchen floor is varnished. Husband and wife are German descent and intelligent.

Earnings of husband	.....	$465 00	Meat	$36 50	
			Lard	6 00	
COST OF LIVING.			Eggs	6 00	
			Butter	10 00	
Rent	$72 00		Flour	13 60	
Fuel	18 00		Milk	9 00	
Lighting	6 00		Coffee	14 40	
Life insurance, husband	17 50		Sugar	10 00	
Clothing for husband	54 00		Tea	1 40	
Clothing for wife	35 00		Potatoes	8 00	
Religion	5 00		Vegetables	10 00	
Charity	1 00		Miscellaneous	16 00	
Books and newspapers	5 60		Spices	1 20	
Amusements	25 00		Beer, wine and whisky	18 50	
Sundries	30 00				
			Cost of food	.....	$160 60
Expense other than food	.....	269 10	Expense other than food	.....	269 10
			Total cost of living	.....	429 70
			Surplus	.....	35 30

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CABINET MAKER (COACH-BODY BUILDER).

CONDITIONS.—Family of three—parents and one daughter aged 9 months. Occupy new brick house with a vegetable garden; rooms are neatly furnished. Husband and wife are American, both intelligent and well educated.

Earnings of husband..	.....	$544 00	Meat...	$65 00	
			Lard	12 00	
COST OF LIVING.			Butter	12 00	
			Eggs	6 00	
Rent	$120 00		Flour	4 00	
Fuel	17 50		Bread	18 25	
Lighting	6 00		Potatoes	13 00	
Clothing for husband..	50 00		Coffee	14 40	
Clothing for wife	35 00		Sugar	12 00	
Clothing for 1 child ...	5 00		Canned goods	35 00	
Furniture and utensils.	2 00		Miscellaneous	20 00	
Religion	6 00		Beer, wine and whisky	30 00	
Charity	1 00				
Books and newspapers	2 00		Cost of food	.....	$241 65
Sickness	10 00		Expense other than food..	.....	292 50
Amusements	20 00				
Sundries	18 00		Total cost of living..	.....	534 15
Expense other than food	.....	292 50	Surplus	.....	9 85

CABINET MAKER (COACH-BODY BUILDER).

CONDITIONS.—Family of two—husband and wife aged 28 and 27 years. Occupy small frame house; rooms are plainly furnished. Husband is German, intelligent and fairly well educated; wife is Irish descent, cannot read or write.

Earnings of husband..	.....	$627 15	Meat	$74 00	
			Salt meat	18 25	
COST OF LIVING.			Lard	5 00	
			Butter	12 00	
Rent	$72 00		Eggs	15 00	
Fuel	23 00		Flour	8 10	
Lighting	5 00		Milk	9 25	
Clothing for husband..	60 00		Coffee	14 40	
Clothing for wife	45 00		Sugar	13 00	
Furniture and utensils.	6 00		Potatoes	15 00	
Charity	1 00		Vegetables	26 00	
Books and newspapers.	2 00		Canned goods	16 00	
Sickness	5 00		Spices	1 30	
Amusements	30 00		Beer, wine and whisky.	26 00	
Sundries	26 00				
			Cost of food	.....	$253 30
Expense other than food	.....	275 00	Expense other than food	.....	275 00
			Total cost of living..	.....	528 30
			*Surplus	.....	98 85

*Paid $96 to building association.

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CARPENTER.

CONDITIONS.—Family of three—parents and one daughter 14 years of age. Occupy a six-room house of their own; front room is parlor, second room is dining-room, up stairs bed-rooms. Husband and wife are American, intelligent and fairly educated.

Earnings of husband...	.....	$562 50	Meat.....	$36 50	
			Salt meat.....	26 00	
COST OF LIVING.			Lard.....	10 00	
			Butter.....	12 00	
Fuel.....	$22 00		Flour.....	17 20	
Lighting.....	8 00		Milk.....	9 10	
Taxes.....	20 00		Coffee.....	14 40	
Property insurance....	2 50		Tea.....	2 10	
Life insurance, husband	42 00		Sugar.....	14 00	
Clothing for husband..	54 00		Potatoes.....	6 00	
Clothing for wife.....	30 00		Vegetables.....	6 00	
Clothing for child	40 00		Canned goods.....	24 00	
Furniture and utensils.	4 00		Miscellaneous.....	18 00	
Religion.....	2 00				
Charity.....	1 00		Cost of food.....	.....	$195 30
Books and newspapers.	5 60		Expense other than food.....	.....	265 10
Amusements.....	20 00				
Sundries.....	14 00		Total cost of living..	.....	460 40
Expense other than food.....	.....	265 10	Surplus.....	.....	102 10

CASTING MOULDER.

CONDITIONS.—Family of six—parents, two sons, aged 15 and 6 years, two daughters, aged 3 months and 10 years. Occupy two rooms of frame house with vegetable garden and chicken yard. Rooms are plainly furnished. Husband and wife are German descent, intelligent and fairly well educated.

Earnings of husband...	.....	$461 80	Meat.....	$6 00	
			Salt meat.....	40 00	
COST OF LIVING.			Butter.....	13 00	
			Flour.....	22 50	
Fuel.....	$19 00		Milk.....	10 00	
Lighting.....	7 00		Coffee.....	14 40	
Taxes.....	10 30		Tea.....	70	
Property insurance.....	1 15		Sugar.....	10 00	
Clothing for husband..	50 00		Spices.....	2 00	
Clothing for wife	34 00		Miscellaneous.....	20 00	
Clothing for 4 children	75 00		Beer, wine and whisky.	26 00	
Furniture and utensils.	2 00				
Religion.....	4 00		Cost of food.....	.....	$164 60
Charity.....	1 00		Expense other than food	.....	262 95
Books and newspapers.	2 00				
Sickness.....	11 50		Total cost of living..	.....	427 55
Amusements	20 00				
Sundries.....	26 00		Surplus.....	.....	34 25
Expense other than food.....	.....	262 95			

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BLACKSMITH.

CONDITIONS.—Family of seven—parents, three daughters, aged 16, 13 and 8 years, two sons, aged 10 and 11 years. Occupy upper floor of an old rock house; rooms are scantily furnished, front room has old rag carpet on floor; five children sleep in attic. Husband is intelligent, but of little education; wife cannot read or write. Two girls work in factory ever since 10 years of age.

Earnings of husband	.....	$333 60	Meat	$54 60	
Earnings of daughter aged 16, as tobacco wrapper	.....	95 00	Salt meat	12 00	
Earnings of daughter aged 13, as tobacco wrapper	.....	100 00	Lard	8 00	
			Butter	6 00	
Total eanings	.....	528 60	Eggs	4 00	
			Flour	19 70	
COST OF LIVING.			Corn meal	6 00	
			Milk	9 15	
Rent	$72 00		Coffee	8 00	
Fuel	29 00		Sugar	8 00	
Lighting	6 00		Potatoes	12 00	
Clothing for husband	46 00		Vegetables	9 00	
Clothing for wife	18 00		Canned goods	14 00	
Clothing for 5 children	150 00		Miscellaneous	18 00	
Furniture and utensils	2 00				
Charity	1 00		Cost of food	.....	$188 45
Sickness	1 25		Expense other than food	.....	339 25
Sundries	14 00		Total cost of living	.....	527 70
Expense other than food	.....	339 25	Surplus	.....	90

PAINTER.

CONDITIONS.—Family of five—parents, two sons, aged 2½ and ¾ years; one daughter, aged 6 years. Occupy two rooms of old brick house; one room is bedroom, no carpets, furniture is very plain; other room is used as kitchen. Husband and wife are German.

Earnings of husband	.....	$621 80	Meat	$109 50	
			Lard	9 00	
COST OF LIVING.			Butter	12 00	
			Flour	19 40	
Rent	$72 00		Milk	9 50	
Fuel	26 00		Sugar	12 00	
Lighting	6 00		Tea	70	
Clothing for husband	54 00		Coffee	14 40	
Clothing for wife	38 00		Potatoes	8 00	
Clothing for 3 children	45 00		Spices	1 20	
Furniture and utensils	6 00		Miscellaneous	10 00	
Charity	1 00		Beer, wine and whisky	60 00	
Books and newspapers	2 00				
Sickness	2 00		Cost of food	.....	$265 70
Amusements	20 00		Expense other than food	.....	304 00
Sundries	32 00				
Expense other than food	.....	304 00	Total cost of living	.....	569 70
			Surplus	.....	52 10

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CARPENTER—(COACH-BODY BUILDER).

CONDITIONS.—Family of three—parents and one son 2½ years of age. Occupy two rooms, floors are not carpeted; front room has bed, cradle, table and a few chairs; second room has range, table and chairs. Husband and wife are German, intelligent and fairly well educated.

Earnings of husband	.....	$530 00	Meat	$54 50	
			Lard	6 00	
COST OF LIVING.			Butter	12 00	
			Eggs	8 00	
Rent	$72 00		Flour	16 50	
Fuel	17 50		Milk	9 25	
Lighting	6 00		Coffee	9 60	
Life insurance, husband	12 00		Tea	1 40	
Clothing for husband	48 00		Sugar	12 00	
Clothing for wife	24 00		Potatoes	14 00	
Clothing for 1 child	16 00		Vegetables	24 00	
Furniture and utensils	6 00		Spices	1 15	
Associations	18 00		Canned goods	16 00	
Sickness	31 00		Miscellaneous	24 00	
Amusements	5 00		Beer, wine and whisky	5 00	
Sundries	14 00				
			Cost of food	.....	$213 40
Expense other than food	.....	269 50	Expense other than food	.....	269 50
			Total cost of living	.....	482 90
			Surplus	.....	47 10

CARPENTER.

CONDITIONS.—Family of five—parents, two sons aged 6 months and 7 years, and one daughter 3½ years of age. Occupy their own house, with vegetable garden; raise chickens and vegetables. Rooms are neatly furnished; front is parlor, and has Brussels carpet on floor. Husband and wife are of German descent.

Earnings of husband	.....	$611 00	Meat	$14 00	
			Salt meat	41 00	
COST OF LIVING.			Lard	6 00	
			Butter	15 00	
Fuel	$26 00		Flour	14 40	
Lighting	5 00		Milk	12 00	
Taxes	16 40		Coffee	10 00	
Property insurance	1 45		Tea	2 10	
Life insurance, husband	30 00		Sugar	9 50	
Clothing for husband	54 00		Spices	1 20	
Clothing for wife	36 00		Miscellaneous	18 00	
Clothing for 3 children	50 00		Beer, wine and whisky	60 00	
Furniture and utensils	6 00				
Religion	2 00		Cost of food	.....	$203 20
Charity	1 00		Expense other than food	.....	301 35
Books and newspapers	7 50				
Sickness	15 00		Total cost of living	.....	504 55
Amusements	26 00				
Sundries	25 00		*Surplus	.....	106 45
Expense other than food	.....	301 35			

*Paid $96 to building association.

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UPHOLSTERER (FOREMAN).

CONDITIONS.—Family of three—parents and one child aged 6 months. Occupy five-room frame house, with a vegetable garden and smoke-house. House is completely furnished. Husband is German descent, intelligent and fairly well educated; reads books and several newspapers; he also gives music lessons to young men in the evening after work.

Earnings of husband		1,080 00
Income, other sources		50 00
Total earnings		1,130 00
COST OF LIVING.		
Rent	$124 00	
Fuel	26 00	
Lighting	5 50	
Taxes	65	
Life insurance, husband	40 00	
Life insurance, wife	5 00	
Clothing for husband	50 00	
Clothing for wife	50 00	
Clothing for 1 child	25 00	
Furniture and utensils	50 00	
Religion	24 00	
Charity	20 00	
Books and newspapers	15 00	
Sickness	12 00	
Amusements	100 00	
Sundries	35 00	
Expense other than food		582 15

Butter	$12 00	
Eggs	15 00	
Flour	23 50	
Lard	10 00	
Sugar	10 00	
Potatoes	15 00	
Canned goods	75 00	
Meat	72 00	
Coffee	12 00	
Tea	1 00	
Cocoa	1 00	
Milk	9 25	
Spices	2 10	
Vegetables	26 00	
Miscellaneous	28 00	
Liquor	10 00	
Cost of food		$321 85
Expense other than food		582 15
Total cost of living		904 00
Surplus*		226 00

*Paid $160 to building association.

PAINTER.

CONDITIONS.—Family of six—parents, one son 5 years of age and three daughters aged 4, 2 and 1 years. Occupy lower floor of brick house; rooms are plainly furnished. Husband and wife are German. Both are industrious.

Earnings of husband		$805 00
COST OF LIVING.		
Rent	$120 00	
Fuel	30 00	
Lighting	8 00	
Life insurance, husband	30 00	
Life insurance, wife	18 00	
Clothing for husband	54 00	
Clothing for wife	32 00	
Clothing for 4 children	64 00	
Furniture and utensils	8 00	
Charity	2 00	
Books and newspapers	5 50	
Sickness	5 00	
Amusements	50 00	
Sundries	36 00	
Expense other than food		462 50

Meat	$53 75	
Salt meat	6 00	
Lard	5 00	
Butter	12 00	
Eggs	15 00	
Flour	22 75	
Milk	15 00	
Coffee	12 00	
Tea	1 40	
Sugar	12 00	
Spices	1 00	
Potatoes	14 00	
Vegetables	26 00	
Canned goods	10 00	
Miscellaneous	28 00	
Beer, wine and whisky	52 00	
Cost of food		$285 90
Expense other than food		462 50
Total cost of living		748 40
Surplus		56 60

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PAINTER.

CONDITIONS.—Family of six—parents, three sons aged 14, 5 and 2 years, one daughter aged 11 years. Occupy a small frame house with a garden; kitchen is in basement; upper rooms are bed-rooms. Husband and wife are German.

Earnings of husband	.....	$682 20	Meat	$67 50	
			Lard	5 00	
COST OF LIVING.			Butter	15 00	
			Flour	27 50	
Rent	$96 00		Milk	12 00	
Fuel	28 00		Coffee	15 60	
Lighting	8 00		Tea	1 70	
Life insurance, husband	18 00		Sugar	12 00	
Clothing for husband	50 00		Spices	1 00	
Clothing for wife	25 00		Potatoes	14 00	
Clothing for 4 children	80 00		Miscellaneous	16 00	
Furniture and utensils	4 00		Beer, wine and whisky	52 00	
Charity	1 00				
Books and newspapers	2 00		Cost of food	.....	$239 30
Sickness	30 00		Expense other than food	.....	388 00
Amusements	20 00				
Sundries	26 00		Total cost of living	.....	627 30
Expense other than food	.....	388 00	Surplus	.....	54 90

PAINTER.

CONDITIONS.—Family of seven—parents, three daughters, aged 20, 8 and 2 years, two sons 18 and 10 years of age. Occupy four rooms second floor of their own house lower floor is rented as store for $280. Rooms are plainly furnished. Eldest daughter helps mother in housekeeping.

Earnings of husband	.....	$341 00	Meat	$52 00	
Earnings of son, aged 18, as painter	.....	234 00	Salt meat	21 00	
Income, other sources	.....	280 00	Lard	10 00	
			Butter	18 50	
Total earnings	.....	855 00	Eggs	12 00	
			Flour	23 40	
COST OF LIVING.			Bread	5 00	
			Milk	9 15	
			Coffee	24 50	
Fuel	$32 00		Tea	4 20	
Lighting	8 00		Sugar	14 00	
Taxes	44 00		Spices	1 80	
Property insurance	3 50		Canned goods	34 00	
Clothing for husband	56 00		Potatoes	18 50	
Clothing for wife	50 00		Vegetables	18 50	
Clothing for 5 children	200 00		Miscellaneous	26 00	
Furniture and utensils	6 00		Beer, wine and whisky	52 00	
Religion	6 00				
Charity	2 00		Cost of food	.....	$344 55
Books and newspapers	8 00		Expense other than food	.....	504 50
Sickness	35 00				
Amusements	20 00				
Sundries	34 00		Total cost of living	.....	849 05
Expense other than food	.....	504 50	Surplus	.....	5 95

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PAINTER.

CONDITIONS.—Family of two—husband and wife, aged 35 and 29 years. Occupy two rooms and kitchen of a flat; front room is used as sitting room, neatly furnished; second room is bed-room; kitchen. Husband and wife are American, well educated and intelligent.

Earnings of husband		$734 80	Fresh meat	$72 00	
			Salt meat	20 00	
COST OF LIVING.			Lard	8 00	
			Butter	18 50	
Rent	$96 00		Eggs	12 00	
Fuel	22 00		Flour	14 40	
Lighting	7 00		Milk	9 10	
Clothing for husband	75 00		Coffee	15 00	
Clothing for wife	60 00		Tea	2 10	
Furniture and utensils	6 00		Sugar	12 00	
Religion	2 00		Spices	1 30	
Charity	2 00		Fruit	26 00	
Books and newspapers	7 50		Canned goods	20 00	
Sickness	8 00		Potatoes	8 00	
Amusements	60 00		Vegetables	18 50	
Sundries	34 00		Miscellaneous	24 00	
			Beer, wine and whisky	60 00	
Expense other than food	379 50		Cost of food		$340 90
			Expense other than food		379 50
			Total cost of living		720 40
			Surplus		14 40

PAINTER.

CONDITIONS.—Family of three—parents and one daughter 13 months old. Occupy upper floor of a brick house; rooms are elegantly furnished; parlor, bed-room, dining-room and kitchen. Husband and wife are American, intelligent and well-educated people.

Earnings of husband		$786 40	Meat	$54 00	
			Salt meat	18 00	
COST OF LIVING.			Lard	6 00	
			Butter	23 50	
Rent	$180 00		Eggs	12 00	
Fuel	30 00		Flour	8 40	
Lighting	8 00		Bread	18 50	
Clothing for husband	65 00		Milk	9 10	
Clothing for wife	50 00		Coffee	12 00	
Clothing for 1 child	6 00		Sugar	12 00	
Furniture and utensils	6 00		Tea	2 10	
Religion	2 00		Spices	1 40	
Charity	2 00		Potatoes	8 00	
Books and newspapers	4 50		Vegetables	18 50	
Sickness	10 00		Canned goods	36 00	
Amusements	120 00		Miscellaneous	12 00	
Sundries	50 00				
			Cost of food		$251 50
Expense other than food		533 50	Expense other than food		533 50
			Total cost of living		785 00
			Surplus		1 40

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PAINTER.

CONDITIONS.—Family of three—parents and one son aged 1 year. Occupy their own cottage of two rooms, with large vegetable garden; front room is bed-room, rag carpet on floor, lounge, bed and few chairs; second room not carpeted. Husband and wife are Americans.

Earnings of husband.	.....	$522 50	Meat	$6 00	
			Salt meat	33 50	
COST OF LIVING.			Lard	10 00	
			Butter	21 50	
Fuel	$18 50		Flour	22 40	
Lighting	6 00		Milk	9 10	
Taxes	21 00		Coffee	14 40	
Property insurance	1 65		Tea	70	
Clothing for husband	54 00		Sugar	12 00	
Clothing for wife	32 00		Spices	1 10	
Clothing for 1 child	8 00		Potatoes	8 00	
Furniture and utensils	4 00		Canned goods	16 00	
Charity	1 00		Miscellaneous	26 00	
Books and newspapers	5 50				
Sickness	75 00		Cost of food	.....	$179 70
Amusements	20 00		Expense other than food	.....	290 65
Sundries	44 00				
Expense other than food	.....	290 65	Total cost of living	.....	470 35
			Surplus*	.....	52 15

*Paid $72 to building association. Doctor gave credit of deficit.

PAINTER.

CONDITIONS.—Family of four—parents, one daughter 5 years of age and one son 2 years of age. Occupy house of their own of three rooms, rooms are plainly furnished. Husband is English, wife of German descent, both intelligent and fairly well educated.

Earnings of husband	.....	$665 00	Meat	$72 00	
			Salt meat	22 50	
COST OF LIVING.			Butter	18 50	
			Flour	23 75	
Fuel	$21 00		Milk	9 25	
Lighting	6 00		Coffee	14 20	
Taxes	13 50		Tea	1 20	
Property insurance	1 30		Sugar	12 00	
Clothing for husband	72 00		Spices	1 50	
Clothing for wife	28 00		Potatoes	10 00	
Clothing for 2 children	20 00		Miscellaneous	18 00	
Furniture and utensils	6 00		Beer	18 50	
Religion	10 00				
Charity	2 00		Cost of food	.....	$221 40
Books and newspapers	2 50		Expense other than food	.....	263 30
Sickness	50 00				
Amusements	10 00				
Sundries	21 00		Total cost of living	.....	484 70
Expense other than food	.....	263 30	Surplus	.....	180 30

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CARPENTER (INSIDE COACH).

CONDITIONS.—Family of two—husband and wife, 25 and 24 of years age. Occupy two rooms of brick house; front is parlor; second room is bed-room; kitchen used as dining-room also; everything neat and clean. Husband and wife are German descent.

Earnings of husband...	.....	$594 00	Meat.....	$48 00	
			Salt meat.....	19 40	
COST OF LIVING.			Butter.....	18 50	
			Milk.....	10 00	
Rent.....	$100 00		Coffee.....	18 50	
Fuel.....	22 00		Tea.....	2 10	
Lighting.....	6 00		Sugar.....	12 00	
Clothing for husband..	56 00		Spices.....	1 00	
Clothing for wife.....	35 00		Potatoes.....	10 00	
Furniture and utensils.	5 00		Miscellaneous.....	14 00	
Religion.....	5 00				
Charity.....	1 00		Cost of food.....	.....	$153 50
Books and newspapers.	2 50		Expense other than food.....	.....	312 50
Sickness.....	54 00				
Amusements.....	10 00		Total cost of living..	.....	466 00
Sundries.....	16 00				
Expense other than food.....	.....	312 50	Surplus*.....	.....	128 00

* Paid $78 to building association.

CARPENTER (INSIDE COACH).

CONDITIONS.—Family of two—husband and wife 27 and 22 years of age. Occupy a small brick house of three rooms and kitchen; rooms are plainly furnished. Husband and wife are Americans, intelligent and well educated.

Earnings of husband...	.....	$569 00	Meat.....	$48 00	
			Salt meat.....	6 00	
COST OF LIVING.			Lard.....	5 00	
			Butter.....	24 00	
Rent.....	$120 00		Eggs.....	10 00	
Fuel.....	23 00		Bread.....	12 50	
Lighting.....	6 00		Flour.....	12 25	
Life insurance, husband	36 00		Milk.....	9 15	
Clothing for husband..	54 00		Coffee.....	18 00	
Clothing for wife.....	36 00		Tea.....	1 80	
Furniture and utensils.	2 00		Sugar.....	12 00	
Religion.....	7 50		Spices.....	1 50	
Charity.....	1 00		Potatoes.....	10 00	
Books and newspapers.	2 50		Vegetables.....	18 25	
Sickness.....	53 00		Canned goods.....	6 00	
Sundries.....	16 00		Miscellaneous.....	21 00	
			Whisky.....	7 00	
Expense other than food.....	.....	357 00	Cost of food.....	.....	$222 45
			Expense other than food.....	.....	357 00
			Total cost of living..	.....	579 45
			Deficit.....	.....	10 45

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WOOD-WORKER (INSIDE COACH.)

CONDITIONS.—Family of seven—parents, one son 6 years of age, four daughters, 10, 8, 4 and 2 years of age. Occupy house of their own; rooms are plainly furnished; family have vegetable garden, smoke-house and raise chickens and keep 1 cow. Husband is German; wife is German descent.

Earnings of husband	.....	$522 00	Meat	$38 00	
			Butter	4 00	
COST OF LIVING.			Flour	24 75	
			Coffee	14 50	
Fuel	$22 00		Tea	1 40	
Lighting	6 00		Sugar	14 00	
Taxes	24 40		Spices	1 50	
Property insurance	2 20		Potatoes	14 00	
Clothing for husband	54 00		Miscellaneons	18 00	
Clothing for wife	36 0		Beer	18 50	
Clothing for 5 children	90 00				
Furniture and utensils	4 00		Cost of food	.....	$148 65
Religion	5 00		Expense other than food	.....	308 60
Charity	1 00				
Books and newspapers	2 50		Total cost of living	.....	457 25
Sickness	6 00				
Amusements	10 00				
Cost of keeping 1 cow	26 50		Surplus	.....	64 75
Sundries	19 00				
Expense other than food	.....	308 60			

(INSIDE COACH) WOOD WORKER.

CONDITIONS —Family of three—mother aged 74 years, brother 51 years of age and sister 26 years of age. Occupy house of seven rooms; parlor is neatly furnished; have a piano, ingrain carpet, chandeliers; two rooms are let for $5 and $4. Family are intelligent and well educated.

Earnings of brother	.....	$721 00	Meat	$31 20	
Income, other sources	.....	108 00	Lard	4 00	
			Butter	12 50	
Total earnings	.....	829 00	Flour	8 75	
			Eggs	10 00	
COST OF LIVING.			Bread	15 60	
			Milk	9 15	
Rent	$180 00		Tea	8 40	
Fuel	38 00		Coffee	60	
Lighting	12 00		Sugar	12 00	
Life insurance.brother	48 00		Potatoes	6 00	
Clothing for brother	56 00		Vegetables	18 50	
Clothing for sister	30 00		Spices	1 20	
Clothing for mother	24 00		Miscellaneous	24 00	
Furniture and utensils	6 00				
Religion	6 00		Cost of food	.....	$161 90
Charity	2 00		Expense other than food	.....	505 50
Books and newspapers	7 50				
Sickness	10 00		Total cost of living	.....	667 40
Amusements	60 00				
Sundries	26 00		Surplus*	.....	161 60
Expense other than food	.....	505 50			

*Deposited $150 in bank.

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WOOD WORKER (INSIDE COACH).

CONDITIONS.—Family of thre—parents and one son aged 1½ years. Occupy frame house, with garden; rooms plainly furnished. Husband and wife are English; wife is poorly educated; husband fairly educated.

Earnings of husband..	.....	$694 00	Meat.....	$39 00	
			Salt meat.....	6 00	
COST OF LIVING.			Lard.....	6 00	
			Butter.....	12 50	
Rent.....	$72 00		Eggs.....	10 00	
Fuel.	28 00		Flour.....	16 75	
Lighting.....	8 00		Bread	5 00	
Clothing for husband ..	75 00		Milk.....	9 15	
Clothing for wife	50 00		Coffee.	12 50	
Clothing for 1 child....	10 00		Tea.....	4 20	
Furniture and utensils.	6 00		Sugar.....	14 00	
Charity	1 00		Spices.....	1 20	
Books and newspapers.	8 40		Potatoes.....	9 00	
Sickness..	10 00		Canned goods.	8 00	
Amusements	50 00		Miscellaneous.....	20 00	
Sundries.....	36 00		Whisky.....	26 00	
Expense other than food.	.....	354 40	Cost of food	.....	$199 30
			Expense other than food	.....	354 40
			Total cost of living ..	.....	553 70
			Surplus.....	.....	140 30

WOOD WORKER (INSIDE COACH).

CONDITIONS.—Family of four—husband and wife, two sons 5 and 1½ years old. Occupy home of their own; rooms are neatly furnished; front is used as sitting-room; second room is bed-room; kitchen is used as dining-room. Husband is Canadian.

Earnings of husband...	.....	$498 00	Meat.....	$8 00	
			Butter.....	9 00	
COST OF LIVING.			Flour.....	17 25	
			Milk.....	9 20	
Fuel	$20 00		Coffee	12 80	
Lighting.....	6 00		Tea.....	1 40	
Taxes.....	9 15		Sugar.....	12 00	
Property insurance....	1 75		Potatoes.....	12 00	
Clothing for husband..	54 00		Spices	1 20	
Clothing for wife	26 00		Miscellaneous.....	14 00	
Clothing for 2 children.	18 00		Beer, wine and whisky.	26 00	
Furniture and utensils.	4 00				
Charity	2 00		Cost of food.....	.....	$122 85
Books and newspapers.	2 00		Expense other than food	.....	215 90
Amusements.....	10 00				
Feed for two hogs.....	42 00				
Sundries.....	21 00		Total cost of living..	.....	338 75
Expense other than food	.....	215 90	Surplus.....	.....	159 25

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WHEEL MOULDER.

CONDITIONS.—Family of six—parents, one son 13 years of age, and three daughters 16, 14½ and 9 years of age. Occupy four-room brick house; house belongs to mother-in-law, who boards in family for rent; house is completely furnished; eldest daughter is dress-maker. Parents are German.

Earnings of husband	.....	$895 50	Meat	$75 00	
Earnings of daughter	.....	64 00	Salt meat	20 00	
			Lard	10 00	
Total earnings	.....	959 50	Butter	26 00	
			Flour	31 50	
COST OF LIVING.			Milk	9 25	
			Coffee	18 25	
Fuel	$36 00		Tea	4 90	
Lighting	10 00		Sugar	15 00	
Life insurance, husband	28 00		Potatoes	21 00	
Clothing for husband	64 00		Spices	1 20	
Clothing for wife	28 00		Miscellaneous	26 00	
Clothing for 4 children	118 00		Beer, wine and whisky	26 00	
Furniture and utensils	6 00				
Religion	24 00		Cost of food	.....	$284 10
Charity	5 00		Expense other than food	.....	384 80
Books and newspapers	4 80				
Amusements	25 00				
Sundries	36 00		Total cost of living	.....	668 90
Expenses other than food	.....	384 80	Surplus	.....	290 60

CASTING MOULDER.

CONDITIONS.—Family of four—parents and two daughters, aged 7 and 2 years. Occupy frame house of three rooms. Parlor is extremely neat; plush carpet on floor; center table and rocking chairs Husband and wife are American; intelligent and well educated.

Earnings of husband	.....	$674 70	Meat	$54 00	
			Salt meat	15 00	
COST OF LIVING.			Lard	8 00	
			Butter	23 00	
Rent	$120 00		Eggs	12 00	
Fuel	30 00		Flour	17 50	
Lighting	8 00		Bread	4 00	
Clothing for husband	80 00		Milk	9 25	
Clothing for wife	50 00		Coffee	18 00	
Clothing for 2 children	36 00		Tea	1 40	
Furniture and utensils	6 00		Sugar	12 00	
Religion	4 00		Spices	90	
Charity	2 00		Fruit	10 00	
Books and newspapers	4 50		Canned goods	16 00	
Sundries	34 00		Potatoes	8 50	
			Vegetables	20 00	
Expense other than food	.....	323 50	Miscellaneous	16 00	
			Beer, wine and whisky	52 00	
			Cost of food	.....	$297 55
			Expense other than food	.....	374 50
			Total cost of living	.....	672 05
			Surplus	.....	2 65

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WHEEL MOULDER.

CONDITIONS.—Family of six—parents, three sons, aged 6, 4 and 2 years, and one daughter, aged 3 years. Occupy two rooms and kitchen; rooms are plainly furnished. Husband and wife are American, and fairly well educated.

Earnings of husband		$837 00	Fresh meat	$93 00	
			Salt meat	10 80	
COST OF LIVING.			Lard	6 00	
			Butter	15 40	
Rent	$108 00		Eggs	9 00	
Fuel	34 00		Flour	23 75	
Lighting	8 00		Milk	9 20	
Life insurance, husband	54 00		Coffee	18 00	
Clothing for husband	65 00		Tea	4 20	
Clothing for wife	44 00		Sugar	14 00	
Clothing for 4 children	68 00		Spices	1 25	
Furniture and utensils	12 00		Miscellaneous	21 00	
Religion	2 00		Potatoes	26 00	
Charity	2 00		Vegetables	10 00	
Books and newspapers	5 50		Canned goods	16 00	
Sickness	53 50		Beer, wine and whisky	52 00	
Amusements	10 00				
Sundries	34 00		Cost of food		$329 60
			Expense other than food		500 00
Expense other than food		500 00	Total cost of living		829 60
			Surplus		7 40

WHEEL MOULDER.

CONDITIONS.—Family of four—parents, one son 6 years of age and one daughter 3 years of age. Occupy an old frame house; rooms are plainly furnished; floors are covered with rag carpets. Husband and wife are American; intelligent and fairly well educated.

Earnings of husband		$611 35	Meat	$52 00	
			Salt meat	10 00	
COST OF LIVING.			Lard	6 00	
			Butter	18 00	
Rent	$96 00		Eggs	6 00	
Fuel	28 00		Flour	17 50	
Lighting	6 00		Bread	4 00	
Clothing for husband	60 00		Milk	12 50	
Clothing for wife	36 00		Coffee	12 00	
Clothing for children	40 00		Tea	70	
Furniture and utensils	6 00		Sugar	12 00	
Religion	4 00		Canned goods	6 50	
Charity	2 00		Spices	1 10	
Books and newspapers	2 50		Potatoes	8 00	
Sickness	72 00		Vegetables	18 00	
Amusements	10 00		Miscellaneous	14 00	
Sundries	26 00		Beer, wine and whisky	26 00	
			Cost of food		$224 30
Expense other than food		384 50	Expense other than food		384 50
			Total cost of living		608 80
			Surplus		2 55

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WHEEL MOULDER.

CONDITIONS.—Family of seven—parents, three sons 9, 4 and 2 years of age, two daughters aged 3 months and 6 years. Occupy house with large garden; raise all vegetables and potatoes; rooms are plainly furnished. Husband lost 3 months, wages.

Earnings of husband	.....	$620 35	Meat	$30 00	
Income, other sources	.....	47 00	Salt meat	36 00	
			Lard	10 00	
Total earnings	.....	667 35	Butter	18 00	
			Flour	27 40	
COST OF LIVING.			Milk	18 50	
			Coffee	14 40	
Rent	$120 00		Tea	1 40	
Fuel	30 00		Sugar	15 00	
Lighting	9 00		Spices	1 20	
Life insurance, husband	30 00		Canned goods	6 00	
Clothing for husband	64 00		Miscellaneous	26 00	
Clothing for wife	32 00		Beer	18 50	
Clothing for 5 children	80 00				
Furniture and utensils	2 00		Cost of food	.....	$222 40
Religion	2 00		Expense other than food	.....	488 00
Charity	50				
Labor organizations	3 00		Total cost of living	.....	710 40
Books and newspapers	2 50				
Sickness	95 00		Deficit	.....	43 05
Sundries	18 00				
Expense other than feed	.....	488 00			

WHEEL MOULDER.

CONDITIONS.—Family of two—husband and wife 30 and 32 years of age. Occupy two rooms, nicely furnished; front room has Brussels carpet on floor, bureau, wardrobe and lounge; second room is kitchen and dining room. Husband and wife are German descent, intelligent and fairly well educated.

Earnings of husband	.....	$864 90	Meat	$73 00	
			Lard	5 00	
COST OF LIVING.			Butter	18 00	
			Eggs	9 00	
Rent	$72 00		Flour	17 40	
Fuel	25 00		Milk	9 25	
Lighting	6 00		Coffee	12 00	
Clothing for husband	85 00		Sugar	10 00	
Clothing for wife	34 00		Tea	1 40	
Furniture and utensils	6 00		Spices	1 10	
Charity	2 00		Potatoes	9 00	
Books and newspapers	7 50		Vegetables	4 00	
Amusements	50 00		Miscellaneous	30 00	
Sundries	36 00		Beer	18 00	
			Whisky	40 00	
Expense other than food	.....	323 50	Cost of food	.....	$257 15
			Expense other than food	.....	323 50
			Total cost of living	.....	580 65
			Surplus*	.....	284 25

*Deposited $250 in bank.

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CUPOLA HEATER.

CONDITIONS.—Family of five—parents, two sons, 15 and 13 years of age and one daughter 11 years of age. Occupy old frame house; front room is used as bedroom; wife sews shirts at 35 cents a dozen; eldest boy works in car-shops. Husband in German; wife of Irish descent.

Earnings of husband		$475 30	Fresh meat	$32 00	
Earnings of wife		54 00	Salt meat	26 00	
Earnings of son		90 00	Lard	10 00	
			Butter	18 75	
Total earnings		619 30	Eggs	6 00	
			Flour	34 50	
COST OF LIVING.			Corn meal	3 20	
			Milk	9 25	
Rent	$96 00		Coffee	23 40	
Fuel	24 00		Sugar	12 00	
Lighting	8 00		Tea	1 40	
Life insurance, husband	18 00		Potatoes	28 75	
Clothing for husband	46 00		Vegetables	6 00	
Clothing for wife	18 00		Canned goods	10 00	
Clothing for 3 children	114 00		Spices	1 20	
Furniture and utensils	3 00		Miscellaneous	14 00	
Religion	2 00				
Charity	50		Cost of food		$236 45
Books and newspapers	2 00		Expense other than food		402 50
Sickness	25 00				
Sundries	26 00		Total cost of living		638 95
Expense other than food		402 50	Deficit		19 65

CORE MAKER.

CONDITIONS.—Family of four—parents, one daughter 1½ years of age, one son ¼ of a year old. Occupy upper floor of a flat; rooms are nicely furnished. Husband and wife are American, intelligent and well educated. Husband was not working in January and February.

Earnings of husband		$421 20	Lard	$5 80	
			Butter	18 00	
COST OF LIVING.			Eggs	14 00	
			Flour	17 75	
Rent	$96 00		Sugar	12 00	
Fuel	22 00		Coffee	12 00	
Lighting	8 00		Tea	70	
Life insurance, 1 child	5 20		Milk	9 25	
Clothing for husband	50 00		Spices	1 00	
Clothing for wife	20 00		Potatoes	10 00	
Clothing for 2 children	12 00		Vegetables	10 40	
Furniture and utensils	4 00		Canned goods	14 00	
Religion	4 00		Miscellaneous	18 00	
Charity	2 00				
Sickness	15 00		Cost of food		$192 10
Sundries	14 00		Expense other than food		252 20
Expense other than food		252 20	Total cost of living		444 30
Meat	46 00				
Salt meat	4 00		Deficit		23 10

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CHIPPER.

CONDITIONS.—Family of four—parents, one daughter 3 years of age, and one son ⅓ of a year old. Occupy new one-story brick house of their own; five rooms and kitchen. Raise all vegetables. Husband and wife are German descent.

Earnings of husband	.....	$548 00	Meat	$52 00	
			Salt meat	26 00	
COST OF LIVING.			Lard	4 00	
			Butter	16 00	
Fuel	$21 00		Flour	23 75	
Lighting	6 00		Coffee	8 75	
Taxes	20 15		Milk	10 15	
Property insurance	2 20		Sugar	10 00	
Clothing for husband	54 00		Tea	25	
Clothing for wife	30 00		Potatoes	14 00	
Clothing for 2 children	20 00		Spices	1 10	
Furniture and utensils	6 00		Miscellaneous	18 50	
Religion	10 00		Beer	26 00	
Charity	2 00				
Books and newspapers	2 00		Cost of food	.....	$210 50
Amusements	30 00		Expense other than food	.....	231 35
Sundries	28 00				
Expense other than food	.....	231 35	Total cost of living	.....	441 85
			Surplus	.....	106 15

BLACKSMITH.

CONDITIONS —Family of six—parents, two sons, ¼ of year and 15 years of age, two daughters 14 and 4 years of age. Occupy a four-room brick house of their own; rooms are nicely furnished. Lot is almost an acre of land; raises all vegetables used by the family; have a vineyard. Husband and wife are German descent.

Earnings of husband	.....	$874 95	Meat	$72 50	
Earnings of son aged 15 years, laborer	.....	90 00	Salt meat	18 00	
			Lard	12 00	
Total earnings	.....	964 95	Butter	45 00	
			Flour	33 00	
COST OF LIVING.			Milk	18 25	
			Coffee	23 40	
Fuel	$25 00		Sugar	15 00	
Lighting	10 00		Tea	3 00	
Taxes	14 15		Potatoes	14 00	
Property insurance	3 75		Spices	1 20	
Life insurance, husband	48 00		Miscellaneous	26 00	
Clothing for husband	65 00		Beer	10 00	
Clothing for wife	50 00		Cost of food	.....	$291 35
Clothing for 4 children	110 00		Expenses other than food	.....	500 00
Furniture and utensils	14 00				
Religion	10 00		Total cost of living	.....	791 35
Charity	6 00				
Books and newspapers	5 60		Surplus	.....	173 60
Sickness	12 50				
Amusements	60 00				
Sundries	66 00				
Expense other than food	.....	500 00			

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BLACKSMITH.

CONDITIONS.—Family of six—parents, two sons, 9 and 6 years of age, two daughters, 4 and 2 years of age. Occupy an old frame house of 4 rooms; house was in such bad repair that insurance company would not insure it for $100; have a vegetable garden; house is very poorly furnished; floors are bare; walls not papered; a few wooden chairs, table and 3 beds. Husband and wife are of German descent.

Earnings of husband		$488 30	Meat	$18 00	
			Salt meat	36 00	
COST OF LIVING.			Lard	12 50	
			Butter	36 75	
Fuel	$27 00		Flour	27 75	
Lighting	8 00		Milk	9 25	
Taxes	3 50		Coffee	18 00	
Life insurance, husband	3 00		Tea	1 40	
Clothing for husband	45 00		Sugar	12 00	
Clothing for wife	28 00		Potatoes	18 00	
Clothing for 4 children	68 00		Spices	1 10	
Furniture and utensils	4 00		Miscellaneous	18 00	
Religion	6 00		Beer	26 00	
Charity	50				
Sickness	20 00		Cost of food		$234 75
Sundries	34 00		Expense other than food		247 00
Expense other than food		$247 00	Total cost		481 75
			Surplus		6 55

BLACKSMITH.

CONDITIONS.—Family of three—parents, and one child age 4 months. Occupy two rooms and summer kitchen; front is used as bed-room, carpet on floor; second room used as kitchen and dining-room. Husband and wife are of Irish descent, intelligent and fairly well educated.

Earnings of husband		$524 50	Meat	$36 50	
			Salt meat	10 00	
COST OF LIVING.			Lard	8 40	
			Eggs	3 00	
Rent	$72 00		Flour	21 70	
Fuel	22 00		Coffee	12 50	
Lighting	5 00		Sugar	12 50	
Clothing for husband	55 00		Milk	12 50	
Clothing for wife	26 00		Tea	15	
Religion	2 00		Spices	2 10	
Charity	50		Canned fruit	12 50	
Books and newspapers	4 60		Potatoes	14 40	
Sickness	35 00		Vegetables	12 00	
Amusements	60 00		Butter	12 50	
Sundries	19 00		Miscellaneous	14 00	
			Beer	24 00	
Expense other than food		301 10	Whisky	6 00	
			Cost of food		$214 75
			Expense other than food		301 10
			Total cost of living		515 85
			Surplus		8 65

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BLACKSMITH.

CONDITIONS.—Family of four—parents, one child 6 years of age, and mother-in-law. Occupy their own house of 3 rooms and summer kitchen; rooms are neatly furnished; have a vegetable garden, chicken yard and pig pen. Family sell smoked meat; had fruit trees which yielded crop that sold for $25 last year; money thus earned is kept by wife.

Earnings of husband	.....	$423 60	Butter	$18 50	
COST OF LIVING.			Flour	13 50	
			Milk	12 50	
Fuel	$27 00		Coffee	26 00	
Lighting	6 50		Tea	35	
Taxes	14 00		Sugar	12 00	
Property insurance	1 20		Potatoes	22 00	
Clothing for husband	56 00		Spices	1 40	
Clothing for wife	25 00		Miscellaneous	18 00	
Clothing for mother-in-law and 1 child	42 00		Beer	26 00	
Furniture and utensils	4 00		Cost of food	.....	$150 25
Religion	6 00		Expense other than food	.....	253 20
Charity	2 00				
Books and newspapers	5 50		Total cost of living	.....	403 45
Sickness	8 00				
Amusements	20 00				
Sundries	36 00		Surplus	.....	20 15
Expense other than food	.....	253 20			

BLACKSMITH.

CONDITION.—Family of four—parents and two sons, 10 and 6 years of age. Occupy frame house of 4 rooms and summer kitchen of their own. Lot is over an acre; have a large vineyard, had 180 gallons of wine last year; sold 100 gallons at 75 cents a gallon, kept remainder for family use. Husband owns another frame house which is let for $8.50 per month. Husband and wife are German, intelligent and fairly well educated.

Earnings of husband	.....	$588 60	Fresh meat	$18 00	
Income, other sources	.....	177 00	Salt meat	34 00	
			Lard	6 00	
Total earnings	.....	765 60	Butter	18 00	
			Flour	17 50	
COST OF LIVING.			Milk	12 50	
			Coffee	14 00	
Fuel	$26 00		Sugar	12 00	
Lighting	8 00		Tea	1 20	
Taxes	35 00		Spices	1 80	
Property insurance	8 00		Miscellaneous	14 00	
Life insurance, husband	56 00		Beer	18 50	
Clothing for husband	60 00				
Clothing for wife	30 00		Cost of food	.....	$167 50
Clothing for 2 children	54 00		Expense other than food	.....	375 50
Furniture and utensils	6 00				
Religion	2 00		Total cost of living	.....	543 00
Charity	2 00				
Books and newspapers	2 50				
Amusements	50 00		Surplus*	.....	222 60
Sundries	36 00				
Expense other than food	.....	375 50			

*Paid $200 on second house.

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BLACKSMITH.

CONDITIONS.—Family of six—parents, three daughters, aged 6, 3 and 1½ years, and one son 5 years of age. Occupy four-room frame house of their own; rooms are plainly furnished; floors are bare; plain wooden chairs, table and beds; garden is large enough to raise all vegetables used in the household, except potatoes, and have a chicken yard. Husband and wife are German, industrious and economical.

Earnings of husband	.....	$382 40	Meat	$6 00	
			Smoked meat	36 00	
COST OF LIVING.			Lard	5 00	
			Butter	12 50	
Fuel	$24 00		Flour	21 60	
Lighting	8 00		Milk	9 25	
Property insurance	1 75		Coffee	14 00	
Clothing for husband	45 00		Sugar	12 00	
Clothing for wife	24 00		Tea	50	
Clothing for 4 children	56 00		Spices	1 50	
Furniture and utensils	1 75		Potatoes	10 00	
Religion	6 00		Miscellaneous	11 50	
Charity	2 00		Beer	10 00	
Amusements	10 00				
Sundries	16 00		Cost of food	.....	$139 85
			Expense other than food	.....	194 50
Expense other than food	.....	194 50			
			Total cost of living	.....	334 35
			Surplus	.....	48 05

BLACKSMITH, (FOREMAN.)

CONDITIONS.—Family of six—parents, three daughters, aged 16, 14 and 12 years and one son 8 years of age. Occupy one-story brick house of four rooms and summer kitchen; have a vegetable garden and poultry yard; front room is used as parlor, carpet on floor; have a piano which is played by eldest daughter; second room is bed-room; three girls occupy attic room; dining room and kitchen are not carpeted.

Earnings of husband	.....	1,200 00	Meat	$70 00	
			Bacon, ham	10 00	
COST OF LIVING.			Salt meat	6 00	
			Fish	4 00	
Rent	$168 00		Poultry	2 00	
Fuel	72 00		Lard	12 00	
Lighting	8 00		Butter	48 00	
Life insurance, husband	23 00		Milk	18 00	
Life insurance for wife	8 00		Coffee	28 80	
Clothing for husband	90 00		Sugar	28 00	
Clothing for wife	90 00		Tea	15	
Clothing for 4 children	200 00		Spices	2 50	
Furniture and utensils	115 00		Potatoes	22 00	
Religion	24 00		Miscellaneous	14 00	
Charity	2 00				
Books and newspapers	24 00		Cost of food	.....	$265 45
Sickness	25 00		Expense other than food	.....	895 00
Amusements	10 00				
Sundries	36 00		Total cost of living	.....	1,160 45
Expense other than food	.....	895 00	Surplus	.....	39 55

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BLACKSMITH.

CONDITIONS.—Family of three—husband, wife and sister-in-law age 15 years. Occupy two rooms of old brick house; front room is bed-room, other is kitchen and dining-room; rooms are scantily furnished; kept clean. Husband rented adjoining lot as vegetable garden; expenses of lot are defrayed by sale of some vegetables; raise all vegetables and potatoes used by family, and poultry yard. Wife is very industrious and economical. Husband is of German descent.

Earnings of husband	.....	$396 10	Meat	$30 00	
			Bacon, ham	6 00	
COST OF LIVING.			Lard	4 00	
			Butter	18 00	
Rent	$48 00		Flour	19 90	
Fuel	26 00		Milk	7 50	
Lighting	4 00		Coffee	10 80	
Life insurance, husband	8 00		Tea	25	
Life insurance, wife	2 00		Sugar	8 00	
Clothing for husband	50 00		Spices	90	
Clothing for wife	15 00		Miscellaneous	13 50	
Clothing for sister-in-law	20 00		Cost of food	.....	$118 85
Furniture and utensils	2 00		Expense other than food	.....	216 80
Charity	50				
Books and newspapers	1 80		Total cost of living	.....	335 65
Sickness	16 00				
Amusements	4 00		Surplus	.....	60 45
Sundries	19 50				
Expense other than food	.....	216 80			

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RECAPITULATION OF 75 FAMILY BUDGETS FROM EMPLOYES IN ST. LOUIS CAR SHOPS.

No. of family budget.	Occupation.	No. of persons in family	No. of persons working in family	Annual net earnings of head of family	Total annual net earnings of family	Cost of living other than food per year.								Cost of food per year.					Annual surplus of family	Annual deficit of family
						Amount spent for rent per year	Amount spent for fuel and lighting per year	Amount spent for clothing by family per year	Amount spent for books and newspapers per year	Amount spent for amusements per year	Amount spent for other than food per year	Balance amount spent for living other than food per year	Total amount spent for living other than food per year	Amount spent for meat, lard and butter per year	Amount spent for potatoes and vegetables per year	Amount spent for alcoholic stimulants per year	Balance amount spent for food per year	Total am't spent for food per year		
62	Blacksmith	7	2	$531 30	669 30	$96	$31 00	$128	$3 50	.....	$66 00	$825 50	$113 00	$37 00	$12 00	$153 25	$315 25	$28 55	.....	
48	"	4	1	651 00	651 00	66	33 00	138	10 50	$36	101 00	384 50	100 00	34 00	.....	132 35	266 35	15	.....	
47	" helper	4	1	424 20	424 20	72	24 00	59	2 00	20	42 00	219 00	74 00	22 50	20 00	83 70	200 20	5 00	.....	
26	"	4	1	633 75	633 75	84	34 00	80	12 00	.....	132 00	342 00	122 00	32 05	.....	162 35	316 40	.....	$24 65	
25	"	3	1	709 20	709 20	34	42 00	69	9 60	40	95 00	339 60	107 20	39 25	78 50	147 45	372 40	.....	2 80	
19	"	3	1	523 70	523 70	144	48 00	56	.....	20	38 00	306 00	87 00	25 75	.....	104 25	217 00	70	.....	
2	"	5	1	765 60	765 60	.....	41 00	172	7 50	50	140 25	410 75	118 00	51 00	40 00	114 45	323 45	31 40	.....	
23	" helper	2	1	419 10	419 10	120	32 00	50	.....	.....	149 00	351 00	70 00	7 20	.....	66 20	143 40	.....	75 30	
21	" "	2	1	428 60	428 60	72	25 00	56	7 50	20	42 00	222 50	62 10	12 50	30 00	98 40	203 00	3 10	.....	
3	Inside coach finisher	3	1	688 00	638 00	96	36 00	92	7 50	20	94 00	345 50	81 50	32 75	.....	104 75	219 00	123 50	.....	
6	" "	5	1	652 50	652 50	144	39 00	124	5 20	20	37 00	369 20	108 00	25 75	36 00	91 85	261 60	21 70	.....	
13	" "	6	1	710 40	710 40	96	30 00	156	2 00	.....	68 00	352 00	85 00	31 00	.....	98 35	214 35	144 05	.....	
27	" "	3	1	629 00	629 00	.....	25 90	92	10 20	60	109 65	297 75	102 40	12 00	42 40	127 30	284 10	47 15	.....	
17	Coach builder	2	1	601 00	601 00	84	32 00	51	7 50	20	59 50	254 00	100 50	24 40	14 00	86 90	225 80	121 20	.....	
16	"	3	1	563 90	563 90	.....	34 50	99	4 00	10	76 60	224 10	116 00	28 60	10 00	115 95	270 55	69 25	.....	
15	"	3	1	804 80	804 80	.....	40 00	119	7 50	75	71 40	312 90	96 00	24 65	36 00	137 55	294 20	197 70	.....	
12	"	4	1	738 60	738 60	.....	44 00	136	9 60	.....	79 35	268 95	111 60	17 25	.....	144 30	272 55	197 10	.....	
11	"	6	1	747 60	747 60	.....	36 00	168	21 00	45	88 55	358 55	104 00	14 50	.....	88 80	207 30	181 75	.....	
9	Painter (boss)	4	1	838 80	838 80	168	41 00	156	17 50	40	124 00	546 50	88 50	32 00	.....	139 30	259 80	32 50	.....	
49	"	8	2	728 20	944 20	.....	30 00	206	10 80	40	111 10	397 90	146 00	70 40	36 50	175 00	427 90	118 40	.....	
14	"	2	1	452 00	452 00	.....	28 00	69	3 00	10	93 35	203 35	80 00	6 40	15 00	95 85	197 25	51 40	.....	
8	"	4	1	691 00	691 00	180	38 00	110	7 50	20	88 00	438 50	101 00	27 65	.....		121 95	250 60	1 90	.....
7	"	3	2	732 00	942 00	144	30 00	98	6 00	60	76 00	414 00	.....	.....	60 00	300 00	360 00	168 00	.....	
10	" helper	3	1	425 10	425 10	96	27 00	80	5 20	10	149 00	367 20	108 25	23 40	20 00	110 70	262 35	.....	204 45	
5	" "	3	1	460 20	460 20	96	30 00	60	7 50	10	41 50	245 00	83 50	30 00	14 00	85 85	213 35	1 85	.....	
22	" "	3	1	424 20	424 20	.....	28 00	53	2 00	.....	123 25	206 25	84 50	14 40	.....	90 30	189 20	28 75	.....	
20	" "	3	1	504 80	624 80	.....	35 00	101	2 00	20	85 30	243 30	91 50	26 05	36 00	103 20	256 75	124 75	.....	
64	Foreman of erecting shop	3	2	1,200 00	1,700 00	300	71 00	144	12 50	40	140 90	708 40	80 60	32 25	52 00	127 95	292 80	698 80	.....	
75	Car builder	3	1	798 40	798 40	108	25 00	94	3 60	30	99 00	359 60	94 60	29 80	50 00	120 50	294 90	138 90	.....	
71	"	4	2	501 00	681 00	108	34 00	97	.....	40	55 00	334 00	114 40	44 25	36 50	149 35	344 50	2 50	.....	
59	"	3	1	585 80	585 80	156	38 00	100	7 50	10	61 25	372 75	79 00	16 75	.....	100 35	196 10	16 95	.....	
57	"	3	1	624 00	624 00	95	35 00	118	7 50	20	96 00	372 50	88 00	26 00	30 00	107 20	251 20	30	.....	
44	"	3	1	751 00	751 00	156	41 00	91	7 50	30	87 00	412 50	101 50	24 75	40 00	169 10	335 35	3 15	.....	
42	"	4	1	612 75	612 75	108	29 00	86	7 80	20	70 25	321 05	100 25	36 60	36 50	106 30	279 65	12 05	.....	
40	"	4	1	604 00	604 00	128	27 00	96	5 50	.....	65 00	319 50	90 40	14 20	.....	127 95	232 55	51 95	.....	
31	"	2	1	731 00	731 00	108	31 00	98	9 60	50	119 25	415 85	80 00	25 05	50 00	119 40	272 45	42 70	.....	

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65	Truck builder	2	2	462 00	642 00	84	28 00	74	7 50	10	61 00	264 50	116 00	34 75	52 00	152 10	354 85	22 65	.....		
66	Laborer	5	1	417 00	417 00	72	24 00	72	2 00	....	58 00	228 00	61 00	15 40	20 00	92 45	188 85	15	.....		
32	Foreman planing mill	7	1	1,080 00	1,080 00	....	42 00	203	25 00	60	251 75	587 75	122 00	26 00	50 00	155 30	353 30	138 95	.....		
4	Machinist	2	1	687 00	687 00	120	37 00	74	7 50	20	89 00	347 50	86 00	50 50	52 00	96 15	284 65	54 85	.....		
34	" helper	2	1	527 00	527 00	108	25 00	60	2 00	20	35 00	250 00	87 00	21 00	26 00	98 40	232 40	44 60	.....		
74	Machine man	7	1	763 00	763 00	108	23 50	186	2 00	....	46 50	366 00	131 00	57 30	50 00	148 50	386 80	10 20	.....		
69	"	4	1	569 00	569 00	90	34 00	132	3 50	20	60 60	340 10	78 40	20 00	44 00	82 65	225 05	8 85	.....		
68	"	4	3	443 00	881 00	....	29 00	212	10 40	60	146 85	458 25	54 60	14 50	60 00	101 40	230 50	192 25	.....		
30	"	3	1	661 40	661 40	72	26 00	89	.....	40	79 00	306 00	81 00	24 60	36 50	108 90	251 00	104 40	.....		
29	"	2	1	509 00	509 00	72	26 00	60	5 60	20	67 00	250 60	88 50	20 50	30 00	117 40	256 40	2 00	.....		
28	" helper	2	1	433 00	433 00	60	29 00	53	2 00	10	36 00	190 00	95 50	20 00	36 50	84 25	236 25	6 75	.....		
72	Machine hand	5	1	594 00	594 00	84	37 40	125	14 00	10	82 00	350 40	94 00	20 60	26 00	101 70	242 30	1 30	.....		
70	" helper	3	2	403 20	583 20	78	25 00	54	.....	10	150 00	317 00	122 00	22 50	18 00	105 80	268 30	.....	2 10		
67	" "	3	1	423 00	423 00	48	23 00	74	.....	10	43 00	198 00	75 00	24 50	20 00	104 30	223 80	1 20	.....		
53	Wheel moulder	2	1	1,185 75	1,185 75	156	41 00	118	7 50	50	241 25	613 75	95 00	98 10	60 00	125 95	379 05	192 95	.....		
53	"	6	3	1,225 80	1,603 80	108	40 00	314	10 80	100	130 00	702 80	253 00	65 90	54 50	177 75	551 15	349 85	.....		
52	"	3	1	1,113 80	1,113 80	204	48 00	150	7 50	40	144 75	594 25	86 00	26 00	36 50	117 65	266 15	253 40	.....		
43	"	3	2	1,307 95	1,401 95	108	39 00	132	10 80	120	94 60	504 40	163 40	56 00	14 00	171 60	405 00	492 55	.....		
39	"	5	1	1,016 60	1,016 60	128	39 00	150	7 50	50	135 40	507 90	153 00	30 00	36 50	184 20	403 70	105 00	.....		
41	"	6	1	1,197 30	1,197 30	84	33 00	137	10 40	150	105 00	519 40	168 00	35 10	36 50	166 85	408 45	271 45	.....		
37	"	5	1	988 45	988 45	144	40 00	158	7 50	30	265 00	644 50	119 50	30 25	.....	190 00	339 75	4 15	.....		
38	"	4	1	641 00	641 00	96	36 00	139	9 60	40	119 00	439 60	103 60	15 00	26 00	127 25	271 85	.....	70 45		
36	"	6	1	1,295 40	1,295 40	120	34 00	125	10 80	10	186 00	485 80	126 00	50 70	.....	128 05	304 75	504 85	.....		
73	Casting moulder	4	1	597 00	597 00	108	35 00	140	7 50	20	87 00	397 50	84 00	23 60	.....	97 05	204 64	.....	5 15		
63	"	2	1	1 217 85	1,217 85	72	36 00	117	9 60	60	72 20	366 80	84 60	48 25	60 00	123 45	316 30	534 75	.....		
61	"	2	1	704 00	704 00	85	35 00	84	10 40	60	91 00	364 40	82 00	51 50	60 00	96 40	289 90	49 70	.....		
56	"	4	1	611 85	611 85	120	35 00	98	12 00	30	99 00	394 00	96 00	24 20	6 00	81 25	207 45	10 40	.....		
55	"	5	1	1,209 70	1,209 70	120	40 00	127	6 00	50	199 00	542 00	124 00	44 50	.....	142 30	310 50	356 90	.....		
35	"	4	4	489 45	1,273 45	.....	40 40	232	10 80	200	182 10	665 30	162 50	53 10	88 55	206 45	510 60	97 55	.....		
60	Chipper	3	1	483 00	483 00	72	27 00	88		10	38 00	235 00	72 00	20 50	50 00	105 25	247 75	25	.....		
46	"	3	1	519 65	519 65	84	34 00	110	7 50	20	45 60	301 10	72 00	32 50	26 00	84 65	215 15	3 40	.....		
50	"	3	1	503 00	503 00	96	25 00	78	10 40	....	65 60	275 00	68 00	30 40	16 00	76 80	191 20	36 80	.....		
51	Core maker	2	1	768 75	768 75	132	37 00	92	3 60	50	137 00	451 60	79 00	40 60	36 50	114 50	270 60	48 55	.....		
58	"	2	1	787 30	787 30	96	34 00	84	7 50	50	160 00	431 50	100 50	18 50	...	96 40	215 40	140 40	.....		
1	Steam-pipe & air-brake fittter	6	1	764 00	764 00	120	34 00	118	7 50	10	86 00	375 50	74 00	22 00	4 00	114 80	214 80	173 70	.....		
18	Steam-pipe fitter	4	2	478 20	574 20	132	27 00	104	5 20	....	92 00	360 20	79 20	22 00	20 00	92 50	213 50	50	.....		
24	Tinner	4	1	766 80	766 80	120	31 00	78	10 50	60	87 00	386 50	113 50	28 65	52 00	109 00	303 15	77 15	.....		
45	"	4	1	712 60	712 60	132	34 00	104	2 00	20	65 50	357 50	73 00	25 75	36 50	87 45	222 70	132 40	.....		
33	Axle turner	3	1	714 00	714 00	120	33 00	79	5 60	40	76 75	354 35	92 40	25 75	10 40	95 95	224 50	135 15	.....		
	Totals	277	91	52,152 30	55,666 30	6,858	2,541 70	8,330	530 10	2,446	7,380 90	28,086 70	7,385 90	2,241 10	2,046 35	9,070 00	20,744 35	7,220 10	384 90		

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RECAPITULATION OF 75 FAMILY BUDGETS FROM EMPLOYES IN ST. CHARLES CAR-SHOP.

No. of family budget.	Occupation.	No. of persons in family	No. of persons working in family	Annual net earnings of head of family	Total annual net earnings of family	Cost of living other than food per year.							Cost of food per year.					Annual surplus of family	Annual deficit of family
						Amount spent for rent per year	Amount spent for fuel and lighting per year	Amount spent for clothing by family per year	Amount spent for books and newspapers per year	Amount spent for amusements per year	Amount spent for other than food	Balance amount spent for living other than food per year	Total amount spent for living other than food per year	Amount spent for meat, lard and butter per year	Amount spent for potatoes and vegetables per year	Amount spent for alcoholic stimulants per year	Balance amount spent for food per year	Total amount spent for food per year		
68	Blacksmith	6	2	$874 95	$964 95	....	$35 00	$225	$5 60	$60	$174 40	$500 00	$147 50	$14 00	$10 00	$119 85	$291 35	$173 60	.....
69	"	6	1	488 30	488 30	.....	35 00	141	.....	.....	71 00	247 00	103 25	18 00	26 00	87 50	234 75	6 55	.....
70	"	3	1	524 50	524 50	$72	27 00	81	4 60	60	56 50	301 10	67 40	26 40	30 00	90 95	214 75	8 65	.....
71	"	4	1	423 60	423 60	.....	33 50	123	5 50	20	71 20	253 20	18 50	22 00	26 00	83 75	150 25	20 15	.....
72	"	4	1	588 60	765 60	.....	34 00	144	2 50	50	145 00	375 50	76 00	.....	18 50	73 00	167 50	222 60	.....
73	Blacksmith helper	6	1	382 40	382 40	.....	32 00	125	....	10	27 50	194 50	59 50	10 00	10 00	60 35	139 85	48 05	.....
74	" foreman	6	1	1,200 00	1,200 00	168	80 00	380	24 00	10	233 00	895 00	152 00	22 00	.....	91 45	265 45	39 55	.....
41	" helper	7	3	533 60	533 60	72	35 00	214	....	....	18 25	339 25	80 60	21 00	.....	86 85	188 45	90	.....
75	" "	3	1	396 10	396 10	48	30 00	85	1 80	4	48 00	216 80	58 00	.....	.....	60 85	118 85	60 45	.....
1	"	9	1	862 40	862 40	.....	38 50	284	5 60	25	129 00	482 10	129 50	29 75	52 00	100 25	311 50	68 80	.....
18	Coach body b'ld'r (foreman)	4	2	960 00	1,160 00	96	40 00	140	15 00	100	149 00	540 00	152 00	48 50	25 00	196 40	421 90	198 10	.....
37	" "	3	1	544 00	544 00	120	33 50	90	2 00	20	27 00	292 50	89 00	13 00	30 00	109 65	241 65	9 85	.....
36	" "	2	1	465 00	465 00	72	24 00	89	5 60	25	53 50	269 10	52 00	18 00	18 50	72 10	160 60	35 30	.....
34	" "	7	2	587 00	672 00	84	41 00	180	7 80	10	72 40	395 20	120 00	13 50	.....	157 50	291 00	.....	$14 20
25	" "	2	1	637 40	637 40	120	29 00	100	5 40	25	120 75	400 15	74 75	24 00	30 00	96 50	225 25	12 00	.....
24	" "	5	1	573 25	573 25	96	30 00	121	7 80	25	57 00	336 80	91 60	40 00	26 00	104 15	261 75	.....	25 30
38	" "	2	1	627 15	627 15	72	28 00	105	2 00	30	38 00	275 00	109 25	41 00	26 00	77 05	253 30	98 85	.....
43	" "	3	1	530 00	530 00	72	23 50	88	....	5	81 00	269 50	72 50	38 00	5 00	97 90	213 40	47 10	.....
17	Coach inside b'ld'r (foreman)	2	2	960 00	1,160 00	180	42 00	105	27 50	100	140 00	594 50	164 50	49 00	40 00	145 70	399 20	166 30	.....
53	" "	2	1	594 00	594 00	100	28 00	91	2 50	10	81 00	312 50	85 90	10 00	.....	57 60	153 50	128 00	.....
54	" "	2	1	569 00	569 00	120	29 00	90	2 50	...	115 50	357 00	83 00	28 25	7 00	104 20	222 45	.....	10 45
55	" "	7	1	522 00	522 00	.....	28 00	180	2 50	10	88 10	308 60	42 00	14 00	18 50	74 15	148 65	64 75	.....
56	" "	3	1	721 00	829 00	180	50 00	110	7 50	60	98 00	505 50	47 70	24 50	...	89 70	161 90	161 60	.....
57	" "	3	1	694 00	694 00	72	36 00	135	8 40	50	53 00	354 40	63 50	9 00	26 00	100 80	199 30	140 30	.....
58	" "	2	1	498 00	498 00	.....	26 00	98	2 00	10	79 90	215 90	17 00	12 00	26 00	67 85	122 85	159 25	.....
5	Car-builder	8	4	462 00	850 00	84	38 00	323	3 00	50	80 20	578 20	126 00	22 00	.....	122 85	270 85	95	.....
3	"	3	1	527 50	527 50	109	26 00	94	2 00	10	74 00	315 00	58 00	32 25	.....	83 90	174 15	38 35	.....
16	"	5	1	543 00	543 00	.....	34 00	105	5 60	30	114 30	288 90	49 00	7 50	26 00	88 75	171 25	82 85	.....
12	"	2	2	262 50	456 50	.....	33 00	73	....	40	54 90	200 90	54 00	7 55	52 00	75 30	188 80	66 80	.....
13	"	7	1	437 50	437 50	108	23 00	157	....	....	19 00	307 00	73 00	19 50	..	102 95	195 45	..	64 95
14	"	3	1	429 50	429 50	72	23 00	88	2 00	40	23 00	248 00	64 40	6 50	25 00	68 15	164 05	17 45	.....
10	"	2	1	337 50	337 50	60	35 00	74	2 00	20	69 75	260 75	45 00	7 75	20 00	52 40	125 15	.....	48 40
11	"	6	1	434 00	434 00	84	32 00	148	2 00	10	94 50	370 50	25 25	..	20 00	86 30	131 55	..	68 05
2	Laborer	6	2	387 45	415 95	...	27 00	114	2 50	10	74 15	227 65	13 00	9 40	30 00	66 50	118 90	69 40	.....
44	Carpenter	5	1	611 00	611 00	....	31 00	140	7 50	26	96 85	301 35	76 00		60 00	67 20	203 20	108 45	.....
39	"	3	1	562 50	562 50	....	30 00	124	5 60	20	85 50	295 10	84 50	12 00		98 80	195 30	102 10	.....
7	Foreman planing mill	5	1	1,020 00	1,020 00	....	44 00	195	7 50	50	159 25	445 75	101 00	10 00	40 00	140 05	291 05	288 20	....

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4	Tool-dresser	3	1	509 25	521 25	.....	31 00	77	5 50	10	183 25	306 75	99 00	7 50	20 00	72 10	198 60	15 90	.....
6	Machine man	3	1	493 50	493 50	.....	31 00	78	7 50	10	167 15	293 65	20 00	4 00	50 00	77 80	151 80	48 05	.....
9	"	5	2	311 75	374 75	72	23 00	105	...	.....	68 50	268 50	32 00	12 00	.....	62 00	106 00	25	.....
19	"	3	1	395 00	395 00	72	26 00	68	2 00	10	63 00	241 00	73 00	24 00	.....	68 75	165 75	.....	11 75
15	"	3	1	576 00	576 00	60	36 00	104	7 50	40	62 00	309 50	45 50	25 75	26 00	84 45	181 70	84 80	.....
35	"	6	1	476 00	476 00	.....	26 00	132	2 00	10	126 20	296 20	22 00	19 95	..	74 35	116 10	63 70	.....
23	"	3	1	685 50	685 50	84	36 00	127	2 00	20	85 50	354 50	75 75	34 00	50 00	78 10	237 85	93 15	.....
33	Machine helper	5	1	337 50	337 50	78	23 00	80	2 00	.....	65 00	248 00	37 00	7 50	.....	69 70	114 20	.....	24 70
53	"	3	1	355 00	355 00	.....	25 00	93	.	.....	88 55	206 55	45 00	8 00	24 00	62 90	139 90	8 55	.....
31	"	6	1	434 00	434 00	78	26 00	152	2 00	.....	65 00	323 00	28 40	14 00	20 00	74 50	136 90	.....	25 90
22	"	4	1	353 15	353 15	60	23 00	93	2 00	10	28 50	211 50	48 00	10 00	20 00	55 20	133 20	8 45	.....
52	Painter	4	1	665 00	665 00	.....	27 00	120	2 50	10	103 80	263 80	113 00	10 00	18 50	79 90	221 40	180 30	.....
51	"	3	1	522 50	522 50	.....	24 50	94	5 50	20	146 65	290 65	71 00	8 00	.....	100 70	179 70	52 15	.....
50	"	3	1	786 40	786 40	180	38 00	121	4 50	120	70 00	533 50	101 50	26 50	.....	123 50	251 50	1 40	.....
49	"	2	1	734 80	734 80	96	29 00	135	7 50	60	52 00	379 50	118 50	26 50	60 00	135 90	340 90	14 40	.....
48	"	7	3	341 00	855 00	....	40 00	306	8 00	20	130 50	504 50	101 50	37 00	52 00	154 05	344 55	5 95	.....
46	"	6	1	805 00	805 00	120	38 00	150	5 50	50	99 00	462 50	76 75	40 00	52 00	117 15	285 90	56 60	.....
42	"	5	1	621 80	621 80	72	32 00	137	2 00	20	41 00	304 00	130 50	8 00	60 00	67 20	265 70	52 10	.....
45	"	6	1	682 20	682 20	96	36 00	155	2 00	20	79 00	388 00	87 50	14 00	52 00	85 80	239 30	54 90	.....
59	Wheel moulder	6	2	895 50	959 50	.....	46 00	210	4 80	25	99 00	384 80	131 00	21 00	26 00	108 10	284 10	290 60	.....
60	"	6	1	837 00	837 00	108	42 00	177	5 50	10	157 50	500 00	125 20	36 00	52 00	116 40	329 60	7 40	.....
62	"	4	1	611 35	611 35	96	34 00	136	2 50	10	106 00	384 50	86 00	26 00	26 00	86 30	224 80	2 55	.....
63	"	7	2	620 35	667 35	120	39 00	176	2 50	.....	150 50	488 00	94 00	.. ..	18 50	109 90	222 40	.....	43 05
64	"	2	1	864 90	864 90	72	31 00	119	7 50	50	44 00	323 50	96 00	13 00	58 00	90 15	257 15	284 25	.....
21	Casting moulder	3	2	447 10	847 10	.....	36 00	114	7 50	40	138 20	335 70	187 50	54 50	60 00	133 20	435 20	76 20	.....
40	"	6	1	461 80	461 80	.....	26 00	159	2 00	20	55 95	262 95	59 00	...	26 00	79 60	164 60	34 25	.....
20	"	4	1	458 90	458 90	.....	36 00	94	2 00	30	136 30	298 30	82 75	10 00	.....	91 05	183 80	.....	23 20
8	"	3	1	439 00	439 00	72	26 00	104	5 50	20	37 00	264 50	58 50	4 00	.....	110 30	172 80	1 70	.....
61	"	4	1	674 70	674 70	120	38 00	166	4 50	.....	46 00	374 50	100 00	28 50	52 00	117 05	297 55	2 65	.....
67	Chipper	4	1	548 00	548 00	...	27 00	104	2 00	30	68 35	231 35	98 00	14 00	26 00	72 50	210 50	106 15	.....
66	Core maker	4	1	421 20	421 20	96	30 00	82	.....	.....	44 20	252 20	73 00	20 40	.....	98 70	192 10	.....	23 10
65	Cupola heater	5	3	475 30	619 30	96	32 00	178	2 00	.....	94 50	402 50	86 00	34 75	.....	115 70	236 45	.....	19 65
30	Laborer	7	3	321 00	722 00	.....	34 00	282	2 00	50	74 35	442 35	10 00	...	60 00	74 55	144 55	135 10	.....
26	Glazier	2	1	396 00	396 00	60	23 00	68	2 00	...	53 00	206 00	60 50	21 00	26 00	83 00	190 50	.....	50
27	Steam fitter	4	1	713 45	713 45	108	42 00	142	6 50	40	140 25	478 75	93 00	9 00	40 00	116 40	258 40	.....	25 70
29	Steam-brake fitter	5	2	385 00	594 00	108	28 00	110	.....	20	64 85	330 85	6 00	.....	50 00	67 10	123 10	140 05	.....
28	Tinner	2	1	576 00	576 00	156	40 00	69	2 50	6	107 00	380 50	88 10	26 00	25 00	70 40	209 50	.....	14 00
47	Upholsterer (foreman)	3	2	1,080 00	1,130 00	124	31 50	125	15 00	100	186 65	582 15	94 00	41 00	10 00	176 85	321 85	226 00	.....
	Totals	319	98	42,882 60	46,452 10	4,665	2,456 00	10,091	334 10	1,906	6,697 60	26,148 70	5,880 55	1,375 95	1,783 50	7,018 50	16,058 50	4,685 80	442 90

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TABLE SHOWING DAILY NET WAGES OF 422 EMPLOYES IN MISSOURI PACIFIC CAR-SHOPS,

Classified from 70 cents to $4.50.

Number of employes receiving a daily net income of

Occupation.	Over $4.50	Under $4.50 and over $4.00	Under $4.00 and over $3.50	Under $3.50 and over $3.00	Under $3.00 and over $2.75	Under $2.75 and over $2.50	Under $2.50 and over $2.25	Under $2.25 and over $2.00	Under $2.00 and over $1.75	Under $1.75 and over $1.50	Under $1.50 and over $1.25	Under $1.25 and over $1.00	Under $1.00 and over 70 cents	Under $1.00 and over 70 cents	Total
Foremen	1		1	2	4	1	1			2					12
Clerks		1			1		1	1	2		1				7
Inspectors				1			1	12	2	2					18
Machinists					1	1									2
Machinist helper									1						1
Carpenters						4	1	4	34	32	9				84
Carpenter helper														1	1
Silver-plater						1									1
Silver-plater helpers										2	2				4
Gang bosses							1	1	1						3
Pattern maker					1										1
Painters							2	4	14	12	2				34
Painter helpers									1	3	10	25	1		40
Cabinet makers								3	7	2					12
Locomotive carpenters								1	4						5
Tinners								2	1						3
Tinner helpers										1		1			2
Upholsterers								2	5	1	1	1			10
Upholsterer helpers											1	3			4
Truck repairers									11	18	24	5	1		54
Machine carpenters									6	11					17
Machine carpenter helpers											2	3			5
Oilers									3	1					4
Laborers									1	2	9	24			36
Blacksmith									1						1
Car cleaners										1	54	3	1		59
Bolt cutters													2		2
Totals	1	1	1	3	7	7	7	30	94	85	115	65	6		422

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Table of Work and Wages of 422 Employes in Missouri Pacific Car-Works.

No. of employe	Occupation.	Period considered—months	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each work day	Average daily net income
1.	General foreman	6	154	.....	$840	$840	$1,680	$5 45	$4 61
2.	Foreman car department	6	154	.....	600	600	1,200	3 89	3 29
3.	" "	6	154	.....	540	540	1,080	3 50	2 96
4	" "	6	154	.....	540	540	1,080	3 50	2 96
5	Foreman wreck department	6	154	.....	480	480	960	3 11	2 63
	Totals	30	.....	.....	3,000	3,000	.....	19 45	16 45
6	Chief clerk	6	154	.....	810	810	1,620	5 25	4 45
7	Clerk	6	154	.....	540	540	1,080	3 50	2 96
8	"	6	154	.....	420	420	840	2 72	2 30
9	"	6	154	.....	390	390	780	2 53	2 14
10.	"	6	154	.....	360	360	720	2 33	1 97
11.	"	6	154	.....	330	330	660	2 14	1 81
12.	"	6	154	.....	240	240	480	1 55	1 31
	Totals	42	.....	.....	3,090	3,090	.....	20 02	16 94
13	Inspector	2	50	.....	200	200	1,200	4 00	3 33
14	"	6	154	.....	420	420	840	2 72	2 30
15.	"	6	154	.....	390	390	780	2 53	2 14
16	"	6	154	.....	385	385	770	2 50	2 11
17.	"	6	154	.....	382	382	763	2 47	2 10
18.	"	6	154	.....	375	375	750	2 43	2 06
19	"	6	154	.....	366	366	732	2 50	2 00
20	"	6	154	.....	368	368	736	2 38	2 00
21	"	6	154	.....	366	366	732	2 37	2 00
22.	"	6	154	.....	364	364	728	2 36	2 00
23.	"	6	154	.....	362	362	724	2 35	2 00
24	"	6	154	.....	362	362	724	2 35	2 00
25.	"	6	154	.....	362	362	724	2 35	2 00
26	"	4	102	.....	240	240	720	2 35	2 00
27.	"	6	154	.....	360	360	720	2 33	1 97
28	"	6	154	.....	350	350	700	2 27	1 92
29	"	6	154	.....	300	300	600	1 94	1 64
30.	"	2	52	.....	96	96	576	1 84	1 60
	Totals	98	.....	.....	6,048	6,048	.....	44 04	37 17
31.	Painter (foreman)	26	154	154	660	660	1,320	4 28	3 62
32	"	26	154	139	416	416	832	3 00	2 28
33	"	26	154	150	412	412	823	2 75	2 26
34	"	4	24	23	61	61	794	2 60	2 18
35.	"	22	131	134	335	335	793	2 50	*2 17
36.	"	26	154	139	382	382	764	2 75	2 09
37.	"	13	76	76	190	190	762	2 50	2 09
38.	"	26	154	139	362	362	724	2 60	1 99
39	"	22	132	118	307	307	724	2 60	1 99
40	"	8	48	49	111	111	722	2 25	*1 98
41.	"	26	154	139	348	348	697	2 50	1 91
42.	"	26	154	138	345	345	690	2 50	1 89
43.	"	26	154	137	343	343	687	2 50	1 88
44	"	26	154	137	343	343	686	2 50	1 88
45	"	13	76	68	169	169	677	2 50	1 86
46.	"	4	24	22	52	52	677	2 40	1 86
47.	"	26	154	135	338	338	677	2 50	1 85
48	"	8	48	46	103	103	671	2 25	1 84
49.	"	17	100	87	217	217	664	2 50	1 82
50	"	4	24	22	49	49	647	2 25	1 78
51	"	22	132	121	273	273	646	2 25	1 77
52	"	22	132	103	268	268	630	2 60	1 72
53.	"	22	131	132	264	264	624	2 00	*1 71
54.	"	26	154	141	306	306	612	2 16	1 68
55.	"	8	48	47	94	94	609	2 00	1 67
56.	"	26	154	143	297	297	594	2 07	1 63
57.	"	4	24	23	45	45	590	2 00	1 62
58	"	17	102	76	191	191	584	2 50	1 60
59	"	4	24	22	44	44	577	2 00	1 59
60	"	17	101	82	185	185	567	2 25	1 55
61	"	17	100	93	185	185	567	2 00	1 55
62.	"	4	24	21	43	43	554	2 00	1 52
63	"	26	154	137	274	274	548	2 00	1 50
64	"	26	154	136	272	272	543	2 00	1 49
65	"	17	100	83	167	167	511	2 00	1 40
	Totals	607	.....	3,258	7,791	7,791	.....	79 78	61 60

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—months	No. working days in period	No. days of day work in period	Amount received for days' word	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each work day	Average daily net income
66.	Painter (helper)	17	102	115	$219	$219	$669	$1 90	*$1 [illegible]
67.	"	26	154	164	287	287	574	1 75	*[illegible]
68.	"	13	78	79	139	139	556	1 75	*[illegible]
69.	"	17	100	88	167	167	509	1 88	[illegible]
70.	"	26	154	141	250	250	500	1 77	[illegible]
71.	"	26	154	143	250	250	500	1 75	[illegible]
72.	"	13	76	70	123	123	493	1 75	[illegible]
73.	"	4	25	25	37	37	487	1 50	[illegible]
74.	"	8	46	45	75	75	486	1 65	[illegible]
75.	"	4	24	23	37	37	485	1 65	[illegible]
76.	"	4	24	23	36	36	472	1 50	[illegible]
77.	"	4	24	22	36	36	467	1 65	[illegible]
78.	"	8	48	47	71	71	459	1 50	[illegible]
79.	"	8	48	47	70	70	458	1 50	[illegible]
80.	"	8	48	46	69	69	451	1 50	[illegible]
81.	"	8	48	46	69	69	450	1 50	[illegible]
82	"	8	48	46	69	69	449	1 50	[illegible]
83.	"	8	48	46	69	69	446	1 50	[illegible]
84.	"	4	24	23	34	34	441	1 50	[illegible]
85.	"	26	154	147	220	220	441	1 50	1 21
86.	"	8	48	45	68	68	440	1 50	1 21
87.	"	26	154	131	219	219	438	1 67	[illegible]
88.	"	13	78	73	109	109	438	1 50	[illegible]
89.	"	8	46	45	67	67	437	1 50	[illegible]
90.	"	8	48	44	67	67	434	1 50	[illegible]
91.	"	26	154	136	215	215	431	1 59	[illegible]
92.	"	17	102	92	138	138	422	1 50	[illegible]
93.	"	13	78	70	106	106	422	1 50	[illegible]
94.	"	4	24	22	32	32	421	1 50	[illegible]
95.	"	13	78	70	105	105	421	1 50	[illegible]
96.	"	26	154	140	210	210	420	1 50	[illegible]
97.	"	4	23	21	32	31	419	1 50	[illegible]
98.	"	17	100	91	137	137	418	1 50	[illegible]
99	"	22	132	117	176	176	415	1 50	[illegible]
100	"	13	77	69	103	103	413	1 50	[illegible]
101.	"	4	23	19	29	29	412	1 50	[illegible]
103.	"	22	130	115	172	172	412	1 50	[illegible]
103.	"	26	154	135	202	202	405	1 50	[illegible]
104.	"	13	78	63	94	94	376	1 50	[illegible]
105	"	22	131	113	141	141	353	1 25	[illegible]
	Totals	545	.....	2,997	4,749	4,749	.....	62 51	[illegible]
106.	Machine carpenter (foreman)	5	130	.....	425	425	1,020	3 27	[illegible]
107.	"	6	154	.....	362	362	723	2 34	[illegible]
108.	"	6	154	.....	359	359	719	2 33	[illegible]
109.	"	6	154	.....	344	344	688	2 23	[illegible]
110.	"	6	154	.....	337	337	673	2 18	[illegible]
111.	"	1	26	.....	56	56	669	2 14	[illegible]
112.	"	6	154	.....	334	334	668	2 16	[illegible]
113.	"	6	154	.....	318	318	635	2 06	[illegible]
114.	"	6	154	.....	314	314	628	2 03	[illegible]
115.	"	5	128	.....	258	258	620	2 00	[illegible]
116.	"	6	154	.....	309	309	618	2 00	[illegible]
117.	"	5	130	.....	250	250	601	2 00	[illegible]
118.	"	5	128	.....	252	252	604	1 96	[illegible]
119.	"	2	50	.....	99	99	594	1 93	[illegible]
120.	"	6	154	.....	302	302	603	1 95	[illegible]
121.	"	6	154	.....	301	301	603	1 95	[illegible]
122.	"	6	154	.....	296	296	593	1 92	[illegible]
123.	"	6	154	.....	295	295	591	1 91	[illegible]
	Totals	90	.....	.....	4,786	4,786	.....	35 14	[illegible]
124.	Helper	6	154	.....	246	246	492	1 59	[illegible]
125.	"	4	102	.....	157	157	470	1 52	[illegible]
126	"	1	26	.....	37	37	443	1 41	[illegible]
127	"	6	154	.....	220	220	440	1 43	[illegible]
128.	"	6	154	.....	200	200	400	1 30	[illegible]
	Totals	23	.....	.....	860	860	.....	7 25	[illegible]
129.	Bolt-cutter	6	154	.....	166	166	333	1 08	[illegible]
130.	"	3	78	.....	85	85	338	1 08	[illegible]
	Totals	9	.....	.....	251	251	.....	2 16	1 83

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—months	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each work day	Average daily net income
131.	Oiler	6	154	.....	361	361	722	2 34	1 98
132	"	6	154	.....	342	342	684	2 22	1 87
133	"	6	154	.....	337	337	673	2 18	1 84
134	"	6	154	.....	306	306	612	1 98	1 68
	Totals	24	.....	.....	1,346	1,346	.....	8 72	7 37
135.	Pattern-maker	6	154	.....	510	510	1,020	3 30	2 80
136	Blacksmith	6	154	.....	355	355	710	2 30	1 95
137	Silver plater	6	154	.....	480	480	959	3 11	2 63
138	Helper	3	76	.....	166	166	662	2 17	1 64
139	"	6	154	.....	286	286	573	1 85	1 57
140.	"	6	154	.....	262	262	523	1 70	1 43
141	"	4	102	.....	136	136	408	1 33	1 13
	Totals	19	.....	.....	850	850	.....	7 05	5 77
142.	Car cleaner (foreman)	6	154	.....	300	300	600	1 94	1 64
143	" "	6	154	.....	300	300	600	1 94	1 64
	Totals	12	.....	.....	600	600	.....	3 88	3 28
144.	Car cleaner	2	52	.....	92	92	552	1 76	1 53
145.	"	6	154	.....	269	269	537	1 74	1 47
146	"	2	52	.....	88	88	531	1 70	1 47
147.	"	5	130	.....	220	220	529	1 69	1 46
148	"	6	154	.....	264	264	528	1 71	1 45
149.	"	4	102	.....	173	173	519	1 69	1 44
150	"	3	78	.....	130	130	521	1 67	1 44
151	"	4	102	.....	173	173	519	1 50	1 44
152	"	6	154	.....	262	262	524	1 70	1 43
153.	"	6	154	.....	261	261	523	1 69	1 43
154	"	6	154	.....	261	261	523	1 69	1 43
155	"	6	154	.....	261	261	523	1 69	1 43
156	"	6	154	.....	261	261	523	1 69	1 43
157.	"	6	154	.....	260	260	520	1 69	1 43
158	"	4	102	.....	173	173	518	1 69	1 43
159	"	3	78	.....	129	129	516	1 65	1 43
160	"	1	26	.....	43	43	515	1 65	1 43
161	"	6	154	.....	260	260	520	1 68	1 42
162	"	6	154	.....	260	260	519	1 68	1 42
163.	"	6	154	.....	259	259	518	1 68	1 42
164	"	6	154	.....	259	259	517	1 68	1 42
165.	"	4	102	.....	171	171	513	1 67	1 42
166.	"	5	130	.....	214	214	513	1 67	1 42
167	"	6	154	.....	258	258	516	1 67	1 41
168.	"	6	154	.....	257	257	515	1 67	1 41
169.	"	6	154	.....	257	257	513	1 66	1 41
170.	"	4	102	.....	170	170	510	1 66	1 41
171.	"	6	154	.....	256	256	513	1 66	1 40
172.	"	6	154	.....	256	256	512	1 66	1 40
173	"	6	154	.....	256	256	511	1 66	1 40
174.	"	3	76	.....	126	126	505	1 66	1 40
175.	"	3	76	.....	126	126	504	1 61	1 40
176	"	6	154	.....	255	255	509	1 65	1 39
177.	"	6	154	.....	254	254	508	1 64	1 39
178.	"	6	154	.....	254	254	508	1 64	1 39
179.	"	4	102	.....	167	167	502	1 64	1 39
180	"	6	154	.....	251	251	503	1 63	1 38
181.	"	6	154	.....	250	250	500	1 62	1 38
182.	"	4	102	.....	166	166	498	1 62	1 38
183	"	4	102	.....	166	166	498	1 62	1 38
184.	"	5	130	.....	203	203	486	1 55	1 35
185.	"	4	102	.....	162	162	486	1 58	1 35
186.	"	3	76	.....	121	121	486	1 60	1 35
187	"	4	102	.....	161	161	484	1 58	1 34
188	"	6	154	.....	244	244	488	1 57	1 34
189.	"	6	154	.....	242	242	483	1 56	1 32
190.	"	6	154	.....	241	241	482	1 56	1 32
191.	"	4	102	.....	159	159	478	1 56	1 32
192	"	3	76	.....	119	119	476	1 56	1 32
193.	"	3	78	.....	119	119	476	1 56	1 32

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—months	No. working days in period	No. of days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each work day	Average daily net income
194.	Car cleaner	5	130	.....	199	199	476	1 52	1 [illegible]
195.	"	6	154	.....	240	240	480	1 55	1 [illegible]
196.	"	6	154	.....	238	238	476	1 54	1 [illegible]
197	"	6	154	.....	230	230	459	1 49	1 [illegible]
198	"	2	50	.....	75	75	452	1 50	1 [illegible]
199.	"	1	26	.....	36	36	435	1 39	1 [illegible]
200	"	2	50	.....	65	65	389	1 29	1 [illegible]
201.	"	1	26	.....	31	31	376	1 20	1 [illegible]
202.	"	2	52	.....	45	45	269	86	[illegible]
	Totals	272	.....	.....	11,397	11,397	.....	94 65	80 [illegible]
203.	Locomotive carpenter	26	154	140	391	391	782	2 80	2 [illegible]
204.	" "	26	154	137	358	358	715	2 60	1 [illegible]
205	" "	26	154	143	351	351	701	2 45	1 [illegible]
206	" "	26	154	139	341	341	682	2 45	1 [illegible]
207.	" "	26	154	137	335	335	669	2 45	1 [illegible]
	Totals	130	.....	696	1,776	1,776	.....	12 75	9 [illegible]
208.	Tinner (foreman)	26	154	154	450	450	900	2 91	2 [illegible]
209.	"	21	124	117	304	304	758	2 60	2 [illegible]
210.	"	26	154	141	366	366	732	2 60	2 [illegible]
211.	"	26	154	137	355	355	711	2 60	1 [illegible]
	Totals	73	.....	395	1,025	1,025	.....	7 80	6 [illegible]
212.	Helper	26	154	138	276	276	553	2 00	1 [illegible]
213.	"	21	126	88	155	155	383	1 75	1 [illegible]
	Totals	47	.....	226	431	431	.....	3 75	2 [illegible]
214.	Cabinet-maker	26	154	139	395	395	790	2 85	2 [illegible]
215.	"	8	46	44	121	121	784	2 75	2 [illegible]
216.	"	26	154	130	373	373	747	2 85	2 [illegible]
217.	"	26	154	132	356	356	712	2 70	1 [illegible]
218.	"	26	154	136	355	355	710	2 60	1 [illegible]
219	"	21	125	114	284	284	714	2 50	1 [illegible]
220.	"	26	154	138	347	347	694	2 60	1 [illegible]
221.	"	4	24	21	53	53	689	2 50	1 [illegible]
222.	"	4	23	20	51	51	660	2 50	1 [illegible]
223.	"	13	76	61	159	159	638	2 60	1 [illegible]
224.	"	13	76	61	152	152	607	2 50	1 [illegible]
225.	"	22	130	99	248	248	586	2 50	1 [illegible]
	Totals	215	.....	1,090	2,894	2,894	.....	31 45	22 [illegible]
226.	Upholsterer (foreman)	26	154	154	510	510	1,020	3 31	2 [illegible]
227.	"	26	154	148	370	370	741	2 50	2 [illegible]
228	"	4	23	23	57	57	737	2 50	2 [illegible]
229.	"	4	23	22	54	54	708	2 50	1 [illegible]
230.	"	26	154	141	352	352	705	2 50	1 [illegible]
231.	"	26	154	132	331	331	661	2 50	1 [illegible]
232.	"	17	101	89	222	222	680	2 50	1 [illegible]
233.	"	26	154	133	333	333	665	2 50	1 [illegible]
234	"	26	154	114	286	286	572	2 50	1 [illegible]
235.	"	9	54	47	94	94	541	2 00	1 [illegible]
236	"	17	101	51	102	102	311	2 00	1 [illegible]
	Totals	181	.....	900	2,201	2,201	.....	24 00	17 [illegible]
237.	Helper	26	154	151	264	264	527	1 75	1 44
238.	"	8	46	46	69	69	446	1 50	1 [illegible]
239.	"	12	72	70	101	101	439	1 45	1 [illegible]
240.	"	26	154	135	196	196	392	1 45	1 [illegible]
	Totals	72	.....	402	630	630	.....	6 15	4 [illegible]

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TABLE OF WORK AND WAGES—Continued.

No. of employés.	Occupation.	Period considered—months	No working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each work day	Average daily net income
241.	Carpenter (foreman)	6	154	.....	600	600	1,200	3 89	3 29
242	"	6	154	.....	496	496	992	3 22	2 72
243	"	6	154	.....	474	474	948	3 07	2 60
244.	"	6	154	.....	460	460	921	2 99	2 53
245	"	6	154	.....	459	459	917	2 97	2 52
246.	"	6	154	.....	430	430	859	2 79	2 36
247	"	6	154	.....	393	393	785	2 55	2 14
248.	"	2	52	.....	129	129	772	2 47	2 14
249	"	6	154	.....	384	384	768	2 47	2 11
250	"	6	154	.....	377	377	754	2 44	2 07
251	"	6	154	.....	361	361	723	2 34	1 98
252.	"	6	154	.....	361	361	723	2 34	1 98
253.	"	1	26	.....	59	59	720	2 28	1 98
254.	"	6	154	.....	359	359	718	2 33	1 97
255.	"	6	154	.....	358	358	716	2 32	1 97
256.	"	6	154	.....	358	358	716	2 32	1 96
257.	"	3	76	.....	177	177	706	2 32	1 95
258.	"	6	154	.....	355	355	710	2 30	1 95
259.	"	6	154	.....	352	352	704	2 28	1 93
260.	"	6	154	.....	349	349	699	2 28	1 92
261.	"	6	154	.....	349	349	699	2 26	1 91
262	"	6	154	.....	349	349	698	2 26	1 91
263	"	2	52	.....	115	115	688	2 20	1 91
264.	"	6	154	.....	347	347	693	2 25	1 90
265	"	6	154	.....	344	344	689	2 23	1 89
266.	"	6	154	.....	344	344	688	2 23	1 89
267	"	6	154	.....	342	342	683	2 21	1 87
268.	"	5	130	.....	280	280	673	2 15	1 87
269	"	6	154	.....	339	339	678	2 20	1 86
270	"	2	50	.....	111	111	667	2 20	1 85
271	"	6	154	.....	338	338	675	2 20	1 85
272	"	6	154	.....	336	336	671	2 17	1 85
273	"	6	154	.....	335	325	670	2 17	1 84
274	"	5	128	.....	276	276	663	2 15	1 84
275	"	2	51	.....	108	108	648	2 11	1 80
276.	"	6	154	.....	324	324	649	2 10	1 78
277.	"	6	154	.....	324	324	649	2 10	1 78
278	"	6	154	.....	324	324	648	2 10	1 77
279.	"	6	154	.....	324	324	647	2 10	1 77
280	"	4	102	.....	213	213	639	2 08	1 77
281.	"	2	52	.....	107	107	639	2 05	1 77
282.	"	3	76	.....	159	159	635	2 08	1 76
283.	"	2	50	.....	105	105	632	2 10	1 75
284.	"	6	154	.....	320	320	640	2 07	1 75
285.	"	6	154	.....	315	315	631	2 04	1 73
286	"	6	154	.....	315	315	629	2 04	1 72
287	"	6	154	.....	311	311	623	2 02	1 71
288	"	6	154	.....	310	310	620	2 01	1 70
289.	"	5	128	.....	254	254	609	1 98	1 69
290	"	6	154	.....	307	307	613	1 99	1 68
291.	"	6	154	.....	306	306	612	1 99	1 68
292	"	2	50	.....	100	100	603	2 01	1 67
293	"	6	154	.....	300	300	601	1 95	1 65
294	"	3	78	.....	149	149	597	1 91	1 65
295	"	4	104	.....	198	198	593	1 90	1 64
296.	"	4	102	.....	196	196	587	1 90	1 63
297.	"	1	25	.....	49	49	585	1 95	1 62
298	"	1	26	.....	49	49	585	1 87	1 62
299.	"	1	26	.....	49	49	585	1 87	1 62
300	"	3	76	.....	144	144	578	1 90	1 60
301.	"	2	52	.....	96	96	575	1 84	1 59
302	"	6	154	.....	289	289	578	1 87	1 58
303.	"	4	102	.....	190	190	571	1 86	1 58
304.	"	2	50	.....	95	95	568	1 89	1 57
305	"	4	103	.....	189	189	568	1 83	1 57
306.	"	4	104	.....	189	189	566	1 81	1 57
307	"	6	154	.....	285	285	571	1 85	1 56
308	"	3	77	.....	142	142	568	1 84	1 56
309.	"	6	154	.....	284	284	568	1 84	1 55
310.	"	2	52	.....	93	93	559	1 79	1 55
311.	"	2	50	.....	94	94	567	1 89	1 54
312	"	4	102	.....	186	186	557	1 82	1 54
313.	"	6	154	.....	279	279	559	1 81	1 53
314.	"	5	129	.....	230	230	552	1 77	1 53

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—months	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each work day	Average daily net income
315.	Carpenter	2	51	.....	91	91	548	1 79	1 [illegible]
316.	"	2	52	.....	90	90	542	1 74	[illegible]
317	"	2	52	.....	89	89	535	1 74	[illegible]
318.	"	3	76	.....	133	133	531	1 74	1 [illegible]
319.	"	6	154	.....	266	266	532	1 72	1 [illegible]
320.	"	3	78	.....	130	130	521	1 67	1 [illegible]
321.	"	2	52	.....	87	87	521	1 67	1 [illegible]
322.	"	2	50	.....	86	86	514	1 71	1 [illegible]
323.	"	6	154	.....	256	256	513	1 66	1 [illegible]
324.	"	6	154	.....	252	252	504	1 63	1 [illegible]
325.	"	5	129	.....	201	201	482	1 55	1 [illegible]
	Totals	380	.....	.....	20,878	20,878	.....	175 51	149 [illegible]
326.	Helper	6	154	.....	172	172	344	1 11	[illegible]
327.	Truck repairer	6	154	.....	362	362	724	2 35	1 [illegible]
328.	"	6	154	.....	362	362	724	2 35	1 [illegible]
329	"	6	154	.....	361	361	722	2 34	1 [illegible]
330.	"	6	154	.....	359	359	718	2 33	1 [illegible]
331.	"	6	154	.....	358	358	716	2 32	1 [illegible]
332	"	6	154	.....	353	353	707	2 29	1 [illegible]
333.	"	6	154	.....	352	352	705	2 28	1 [illegible]
334.	"	6	154	.....	350	350	699	2 27	1 [illegible]
335.	"	6	154	.....	337	337	674	2 18	1 [illegible]
336.	"	6	154	.....	334	334	668	2 16	1 [illegible]
337.	"	6	154	.....	322	322	644	2 08	1 [illegible]
338.	"	6	154	.....	318	318	636	2 06	1 [illegible]
339	"	6	154	.....	316	316	632	2 05	1 [illegible]
340.	"	6	154	.....	315	315	630	2 04	1 [illegible]
341.	"	6	154	.....	314	314	628	2 03	1 [illegible]
342.	"	6	154	.....	310	310	620	2 01	1 [illegible]
343.	"	6	154	.....	310	310	620	2 01	1 [illegible]
344.	"	6	154	.....	304	304	608	1 97	1 [illegible]
345.	"	2	52	.....	97	97	580	1 86	1 [illegible]
346.	"	6	154	.....	282	282	564	1 83	1 [illegible]
347.	"	6	154	.....	281	281	562	1 82	1 [illegible]
348.	"	4	104	.....	184	184	558	1 79	1 [illegible]
349.	"	6	154	.....	276	276	553	1 77	1 [illegible]
350.	"	3	77	.....	136	136	543	1 76	1 [illegible]
351.	"	4	104	.....	179	179	537	1 72	1 [illegible]
352.	"	1	26	.....	44	44	527	1 68	1 [illegible]
353.	"	6	154	.....	264	264	529	1 71	1 [illegible]
354	"	5	128	.....	218	218	523	1 70	1 [illegible]
355.	"	6	154	.....	263	263	526	1 70	1 [illegible]
356.	"	6	154	.....	262	262	524	1 70	1 [illegible]
357.	"	6	154	.....	261	261	522	1 69	1 [illegible]
538.	"	2	52	.....	86	86	514	1 64	1 [illegible]
359.	"	6	154	.....	260	260	519	1 68	1 [illegible]
360.	"	6	154	.....	257	257	514	1 66	1 [illegible]
361.	"	2	52	.....	85	85	509	1 63	1 [illegible]
362	"	4	102	.....	168	168	504	1 63	1 [illegible]
363.	"	2	50	.....	83	83	501	1 66	1 [illegible]
364.	"	6	154	.....	254	254	508	1 64	1 [illegible]
365.	"	4	102	.....	167	167	502	1 64	1 [illegible]
366.	"	1	26	.....	41	41	497	1 59	1 [illegible]
367.	"	6	154	.....	247	247	494	1 60	1 [illegible]
368.	"	2	52	.....	80	80	481	1 54	1 [illegible]
369.	"	6	154	.....	240	240	480	1 54	1 [illegible]
370	"	1	26	.....	38	38	460	1 47	1 [illegible]
371.	"	2	52	.....	77	77	460	1 47	1 [illegible]
372.	"	1	26	.....	38	38	456	1 46	1 [illegible]
373.	"	4	102	.....	150	150	451	1 46	1 [illegible]
374.	"	2	52	.....	75	75	451	1 44	1 [illegible]
375.	"	2	50	.....	75	75	448	1 44	1 [illegible]
376.	"	1	26	.....	37	37	443	1 42	1 [illegible]
377.	"	6	154	.....	223	223	447	1 45	1 [illegible]
378.	"	4	102	.....	147	147	441	1 44	1 [illegible]
379.	"	4	102	.....	140	140	420	1 37	1 [illegible]
380.	"	6	154	.....	133	133	267	86	[illegible]
	Totals	249	.....	.....	11,885	11,885	.....	96 58	82 [illegible]

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—months.	No. working days in period.	No. days of day work in period.	Amount received for days' work.	Total net wages rec'd in period.	Net wages rec'd in one year (est).	Average wages received for each work day.	Average daily net income.
381.	Machinist	6	154	.....	$527	$527	$1,055	$3 42	$2 89
382.	"	6	154	.....	488	488	977	3 17	2 68
	Totals	12	.....	.....	1,015	1,015	.....	6 59	5 57
383.	Helper	6	154	.....	334	334	668	2 17	1 83
384.	Laborer (gang boss)	6	154	.....	443	443	887	2 88	2 43
385.	" "	6	154	.....	398	398	796	2 58	2 18
386.	" "	6	154	.....	360	360	720	2 33	1 97
	Totals	18	.....	.....	1,201	1,201	.....	7 79	6 50
387.	Laborer	6	154	.....	330	330	660	2 07	1 81
388.	"	2	50	.....	98	98	586	1 95	1 63
389	"	6	154	.....	281	281	562	1 82	1 54
390.	"	6	154	.....	268	268	536	1 73	1 47
391.	"	3	78	.....	127	127	509	1 63	1 40
392.	"	6	154	.....	255	255	510	1 65	1 40
393	"	6	154	.....	255	255	510	1 46	1 40
394	"	6	154	.....	248	248	495	1 60	1 36
395.	"	3	76	.....	121	121	485	1 59	1 34
396.	"	6	154	.....	235	235	471	1 52	1 29
397.	"	6	154	.....	233	233	467	1 51	1 28
398.	"	6	154	.....	229	229	457	1 48	1 25
399.	"	6	154	.....	226	226	451	1 46	1 24
400.	"	6	154	.....	225	225	449	1 46	1 23
401.	"	1	26	.....	36	36	432	1 38	1 20
402.	"	1	26	.....	35	35	421	1 35	1 17
403.	"	6	154	.....	210	210	420	1 35	1 15
404.	"	1	25	.....	34	34	412	1 37	1 14
405.	"	3	76	.....	102	102	407	1 33	1 13
406.	"	5	128	.....	170	170	407	1 32	1 13
407.	"	1	26	.....	34	34	409	1 31	1 13
408.	"	6	154	.....	203	203	406	1 30	1 11
409.	"	6	154	.....	200	200	400	1 29	1 09
410	"	6	154	.....	198	198	396	1 28	1 08
411.	"	1	26	.....	33	33	391	1 25	1 08
412.	"	6	154	.....	195	195	390	1 26	1 07
413	"	5	129	.....	161	161	385	1 24	1 07
414.	"	2	52	.....	64	64	384	1 23	1 06
415.	"	4	104	.....	128	128	384	1 23	1 06
416.	"	4	102	.....	126	126	378	1 23	1 05
417.	"	2	52	.....	63	63	380	1 21	1 05
418.	"	3	78	.....	94	94	376	1 20	1 04
419.	"	1	26	.....	31	31	376	1 20	1 04
420.	"	3	78	.....	93	93	372	1 19	1 03
421.	"	2	50	.....	61	61	368	1 22	1 02
422.	"	1	26	.....	30	30	365	1 13	1 01
	Totals	144	.....	.....	5,432	5,432	.....	50 80	43 58

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TABLE SHOWING DAILY NET WAGES OF 808 EMPLOYES IN ST. CHARLES CAR-SHOPS,

Classified from 50 cents to $5.

Number of employes receiving a daily net income of

Occupation.	Over $5.00	Under $5.00 and over $4.50	Under $4.50 and over $4.00	Under $4.00 and over $3.50	Under $3.50 and over $3.00	Under $3.00 and over $2.50	Under $2.50 and over $2.00	Under $2.00 and over $1.50	Under $1.50 and over $1.00	Under $1.00 and over 50 cents	Under 50 cents and over 25	Under 25	Total
Superintendents	1	1											2
Assistant superintendent						1							1
Foremen		1		3	9	8	4	4	1	1			31
Wheel moulders					2	3	1						6
Book-keepers						1				1			2
Finishers						1							1
Painters						3	11	11	19	4	1		49
Blacksmiths						1	5	9	13				28
Cabinet shop						1	2	17	1				21
Carpenters						1	25	61	61	20			168
Time-keepers							1	1					2
Machine men							4	11	43	9			67
Engineers							1	2	2				5
Draughtsmen							2			1			3
Flask makers							1	4	7				12
Axle turners							2	2					4
Machinists							4	4	5	2			15
Tinners							2	1	3	1			7
Smelters								2					2
Brakemen								1	1				2
Watchmen								2	2				4
Truckmen								1	3				4
Steam hammer man								1					1
Clerk erecting shop								1					1
Tool dresser								1					1
Packer								1					1
Core makers								1	2	2			5
Cast moulders								5	4				9
Stove keepers								1		1			2
Chippers								1	2	4			7
Bolt heater									1				1
Firemen									2				2
Teamster									1				1
Helpers									4	7			11
Truck builders									6	1			7
Laborers									65	124	2		191
Boys									8	72	50		130
Pattern makers									2				2
Totals	1	2		3	11	20	65	145	258	250	53	[illegible]	[illegible]

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Table of Work and Wages of 808 Employes in St. Charles Car-shops.

No. of employe.	Occupation.	Period considered—weeks	No working days in period	No. days of day work in period	Amount received for days' work	No pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each day worked	Average daily net income
1.	Coach shop (sup't)	26	154	154	$1080	.....	.....	.....	.....	$1080	$2160	$7 01	$5 93
2.	" (assistant)	26	154	154	483	.....	.....	.....	.....	483	965	3 13	2 65
	Totals	52	308	308	1563	.....	.....	.....	.....	1563	3125	10 14	8 58
3.	Freight car shop (F.)	26	154	154	600	.....	.....	.....	.....	600	1200	3 89	3 29
4	" "	24	143	139	486	.....	.....	.....	.....	486	1054	3 49	2 92
5.	" "	12	72	72	246	.....	.....	.....	.....	246	982	3 41	2 90
	Totals	62	369	365	1332	.....	.....	.....	.....	1332	3236	10 79	9 11
6	Erecting shop (F.)	26	154	154	600	.....	.....	.....	.....	600	1200	3 89	3 29
7.	" "	26	154	157	393	.....	.....	.....	.....	393	786	2 50	2 15
8.	" "	26	154	149	351	.....	.....	.....	.....	351	702	2 35	1 92
	Totals	78	462	460	1344	.....	.....	.....	.....	1344	2688	8 74	7 36
9.	Casting foundry (F.)	8	48	48	200	.....	.....	.....	.....	200	1300	4 16	3 57
10.	Yard (foreman)	26	154	162	569	.....	.....	.....	.....	569	1138	3 51	3 12
11	" (ass't foreman)	16	94	96	336	.....	.....	.....	.....	336	1092	3 50	3 00
	Totals	42	248	258	905	.....	.....	.....	.....	905	2230	7 01	6 12
12	Saw-mill (foreman)	12	70	76	247	.....	.....	.....	.....	247	1070	3 25	2 94
13	" (assistant)	9	54	60	180	.....	.....	.....	.....	180	1042	3 00	2 86
	Totals	21	124	136	427	.....	.....	.....	.....	427	2112	6 25	5 80
14.	Planing-mill (foreman)	26	154	168	524	.....	.....	.....	.....	524	1049	3 12	2 86
15	" (assistant)	26	154	155	345	.....	.....	.....	.....	345	690	2 22	1 89
	Totals	52	308	323	869	.....	.....	.....	.....	869	1739	5 34	4 75
16.	Coach shop (foreman)	26	154	154	462	.....	.....	.....	.....	462	925	3 00	2 54
17	" "	20	118	123	339	.....	.....	.....	.....	339	881	2 75	2 40
18.	" "	22	130	135	336	.....	.....	.....	.....	336	794	2 49	2 18
	Totals	68	402	412	1137	.....	.....	.....	.....	1137	2600	8 24	7 12
19	Repairing shop (F.)	26	154	161	363	.....	.....	.....	.....	363	725	2 25	1 99
20	" "	26	154	155	232	.....	.....	.....	.....	232	464	1 49	1 27
	Totals	52	308	316	595	.....	.....	.....	.....	595	1189	3 74	3 26
21.	Smelter	16	94	104	209	.....	.....	.....	.....	209	678	2 00	1 86
22	"	16	94	89	179	.....	.....	.....	.....	179	581	2 00	1 59
	Totals	32	188	193	388	.....	.....	.....	.....	388	1259	4 00	3 45
23.	Bolt-heater	26	154	148	202	.....	.....	.....	.....	202	404	1 31	1 11
24	Helper	17	102	75	98	.....	.....	.....	.....	98	299	95	82
25	Boy	8	46	32	24	.....	.....	.....	.....	24	155	52	42
	Totals	51	302	255	324	.....	.....	.....	.....	324	858	2 78	2 35
26	Time-keeper	26	154	154	450	.....	.....	.....	.....	450	900	2 92	2 47
27.	" (assistant)	26	154	154	362	.....	.....	.....	.....	362	725	2 35	1 99
	Totals	52	308	308	812	.....	.....	.....	.....	812	1625	5 27	4 46
28.	Book-keeper	26	154	154	520	.....	.....	.....	.....	520	1040	3 37	2 85
29	" (assistant)	26	154	154	152	.....	.....	.....	.....	152	304	98	83
	Totals	52	308	308	672	.....	.....	.....	.....	672	1344	4 35	3 68
30	Machine man	26	154	156	441	.....	.....	.....	.....	441	882	2 82	2 42
31.	"	26	154	152	392	.....	.....	.....	.....	392	787	2 58	2 16
32	"	12	70	65	146	.....	.....	.....	.....	146	631	2 24	2 08
33	"	26	154	145	351	.....	.....	.....	.....	351	701	2 41	1 92
34	"	26	154	164	327	.....	.....	.....	.....	327	655	1 99	1 79
35	"	12	70	66	149	.....	.....	.....	.....	149	644	2 25	1 77
36.	"	26	154	144	295	.....	.....	.....	.....	295	590	2 04	1 62

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TABLE OF WORK AND WAGES--Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
37.	Machine man	22	130	107	$242	.....	.....	.....	.....	$242	$571	$2 26	$1 57
38.	"	26	154	137	283	.....	.....	.....	.....	283	567	2 06	1 55
39.	"	13	76	69	138	.....	.....	.....	.....	138	554	2 00	1 52
40.	"	26	154	157	275	.....	.....	.....	.....	275	550	1 75	1 51
41.	"	26	154	153	269	.....	.....	.....	.....	269	537	1 75	1 47
42.	"	22	130	92	220	.....	.....	.....	.....	220	521	2 39	1 43
43.	"	22	130	148	214	.....	.....	.....	.....	214	505	1 44	1 38
44.	"	8	46	43	76	.....	.....	.....	.....	76	491	1 76	1 34
45.	"	26	154	157	236	.....	.....	.....	.....	236	472	1 49	1 29
46.	"	26	154	157	236	.....	.....	.....	.....	236	471	1 50	1 29
47.	"	13	78	77	115	.....	.....	.....	.....	115	461	1 50	1 26
48.	"	26	154	154	231	.....	.....	.....	.....	231	461	1 49	1 26
49.	"	26	154	147	222	.....	.....	.....	.....	222	445	1 51	1 22
50.	"	26	154	146	220	.....	.....	.....	.....	220	440	1 50	1 20
51.	"	26	154	148	213	.....	.....	.....	.....	213	424	1 43	1 16
52.	"	26	154	135	203	.....	.....	.....	.....	203	406	1 50	1 10
53.	"	12	70	62	93	.....	.....	.....	.....	93	402	1 49	1 10
54.	"	26	154	141	201	.....	.....	.....	.....	201	403	1 42	1 10
55.	"	26	154	148	199	.....	.....	.....	.....	199	399	1 35	1 09
56.	"	26	154	135	198	.....	.....	.....	.....	198	396	1 46	1 08
57.	"	26	154	133	196	.....	.....	.....	.....	196	391	1 47	1 07
58.	"	26	154	147	206	.....	.....	.....	.....	206	412	1 40	1 07
59.	"	26	154	142	196	.....	.....	.....	.....	196	392	1 37	1 07
60.	"	26	154	154	193	.....	.....	.....	.....	193	391	1 26	1 07
61.	"	26	154	138	194	.....	.....	.....	.....	194	387	1 40	1 06
62.	"	12	70	59	88	.....	.....	.....	.....	88	382	1 47	1 05
63.	"	26	154	142	192	.....	.....	.....	.....	192	383	1 34	1 05
64.	"	26	154	139	188	.....	.....	.....	.....	188	376	1 35	1 03
65.	"	22	131	117	158	.....	.....	.....	.....	158	374	1 35	1 02
66	"	26	154	149	187	.....	.....	.....	.....	187	374	1 25	1 02
67.	"	22	131	116	157	.....	.....	.....	.....	157	371	1 35	1 01
68.	"	17	100	96	120	.....	.....	.....	.....	120	368	1 25	1 01
69.	"	26	154	156	180	.....	.....	.....	.....	180	360	1 15	*99
70.	"	13	76	59	89	.....	.....	.....	.....	89	357	1 50	98
71.	"	26	154	118	177	.....	.....	.....	.....	177	354	1 47	97
72.	"	26	154	107	169	.....	.....	.....	.....	169	338	1 57	93
73.	"	8	46	40	51	.....	.....	.....	.....	51	328	1 26	90
74.	"	26	154	105	157	.....	.....	.....	.....	157	315	1 50	86
75	"	22	131	116	134	.....	.....	.....	.....	134	316	1 15	86
76.	"	26	154	100	133	.....	.....	.....	.....	133	267	1 33	73
77.	"	26	154	112	129	.....	.....	.....	.....	129	259	1 15	71
	Totals	1084	6413	5850	9479	.....	.....	.....	.....	9479	21861	77 72	60 11
78.	Machine boy	13	76	66	49	.....	.....	.....	.....	49	197	74	54
79.	"	4	23	16	12	.....	.....	.....	.....	12	153	74	42
80.	"	13	76	74	37	.....	.....	.....	.....	37	149	50	40
81.	"	8	48	50	23	.....	.....	.....	.....	23	147	45	*40
82.	"	8	46	36	21	.....	.....	.....	.....	21	139	59	38
83.	"	8	48	48	22	.....	.....	.....	.....	22	141	45	38
84.	"	13	76	68	34	.....	.....	.....	.....	34	136	50	37
85.	"	13	76	66	33	.....	.....	.....	.....	33	132	50	36
86.	"	12	72	59	30	.....	.....	.....	.....	30	128	50	35
87.	"	22	131	118	51	.....	.....	.....	.....	51	120	43	33
88.	"	20	118	91	42	.....	.....	.....	.....	42	108	46	30
89.	"	8	46	31	16	.....	.....	.....	.....	16	102	50	28
90.	"	20	138	92	37	.....	.....	.....	.....	37	191	40	26
91.	"	8	46	30	40	.....	.....	.....	.....	40	100	50	26
	Totals	170	1020	845	447	.....	.....	.....	.....	447	1943	7 26	5 03
92.	Machine man	26	154	70	176	.....	218	.....	.....	394	788	2 55	2 16
93.	"	26	154	72	144	.....	212	.....	.....	356	713	2 31	1 95
94.	"	26	154	101	181	.....	120	.....	.....	301	603	1 95	1 65
95.	"	26	154	110	150	.....	125	.....	.....	275	550	1 78	1 51
96.	"	26	154	114	183	.....	70	.....	.....	253	506	1 64	1 39
97.	"	26	154	149	224	.....	26	.....	.....	250	501	1 62	1 37
98.	"	26	154	115	163	.....	69	.....	.....	232	465	1 51	1 27
99.	"	26	154	139	209	.....	23	.....	.....	232	464	1 50	1 27
100.	"	26	154	125	182	.....	43	.....	.....	225	450	1 46	1 23
101.	"	26	154	124	186	.....	35	.....	.....	221	441	1 43	1 21
102.	"	26	154	131	177	.....	42	.....	.....	219	437	1 42	1 20
103.	"	16	95	81	110	.....	16	.....	.....	126	410	1 30	1 12
104.	"	26	154	139	191	.....	9	.....	.....	200	399	1 29	1 09
105.	"	12	70	62	78	.....	13	.....	.....	91	393	1 29	1 08

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TABLE OF WORK AND WAGES—Continued.

No of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
106	Machine man	22	131	51	$64	.....	$101	.....	.....	$165	$389	$1 25	$1 07
107	"	26	154	99	117	.....	73	.....	.....	190	380	1 23	1 04
108	"	26	154	130	163	.....	26	.....	.....	189	379	1 23	1 04
109	"	26	154	117	155	.....	32	.....	.....	187	375	1 21	1 03
110	"	26	154	131	163	.....	20	.....	.....	183	367	1 19	1 00
	Totals	466	2760	2060	3016	.....	1273	.....	.....	4289	9010	29 16	24 68
111	Machine boy	26	154	133	133	.....	36	.....	.....	169	336	1 09	92
112	"	13	76	73	73	.....	4	.....	.....	77	309	1 01	84
113	"	26	154	130	109	.....	36	.....	.....	145	289	93	79
114	"	26	154	94	70	.....	73	.....	.....	143	285	92	78
115	"	26	154	115	96	.....	29	.....	.....	125	249	80	68
116	"	26	154	78	63	.....	58	.....	.....	121	243	79	66
117	"	22	130	92	78	.....	24	.....	.....	102	242	79	66
118	"	26	154	92	101	.....	14	.....	.....	115	230	74	63
119	"	13	76	34	21	.....	35	.....	.....	56	223	73	61
120	"	20	119	41	37	.....	44	.....	.....	81	210	67	57
121	"	26	154	159	85	.....	13	.....	.....	98	196	63	53
122	"	26	154	129	53	.....	18	.....	.....	71	143	46	39
	Totals	276	1633	1150	919	.....	384	.....	.....	1303	2955	9 56	8 06
	Engineers—												
123	Switch engine	26	154	154	450	.....	.....	.....	.....	450	900	2 92	2 47
124	Coach shop	19	112	144	252	.....	.....	.....	.....	252	689	1 74	*1 89
125	Machine shop	12	70	83	145	.....	.....	.....	.....	145	628	1 74	*1 72
126	"	8	48	41	76	.....	.....	.....	.....	76	495	1 87	1 36
127	Foundry	17	102	104	156	.....	.....	.....	.....	156	478	1 50	*1 32
128	"	8	46	36	54	.....	.....	.....	.....	54	343	1 50	97
	Totals	90	532	562	1133	.....	.....	.....	.....	1133	3533	11 27	9 73
129	Fireman	26	154	163	221	.....	.....	.....	.....	221	442	1 35	*1 21
130	"	12	70	80	99	.....	.....	.....	.....	99	430	1 24	*1 18
	Totals	38	224	243	320	.....	.....	.....	.....	320	872	2 59	2 39
131	Brakeman	26	154	163	326	.....	.....	.....	.....	326	652	2 00	*1 79
132	"	23	136	125	218	.....	.....	.....	.....	218	493	1 74	1 35
	Totals	49	290	288	544	.....	.....	.....	.....	544	1145	3 74	3 14
133	Watchman	26	154	154	289	.....	.....	.....	.....	289	579	1 88	1 59
134	"	26	154	154	289	.....	.....	.....	.....	289	579	1 88	1 59
135	"	17	119	100	167	.....	.....	.....	.....	167	480	1 66	1 40
136	"	26	154	154	261	.....	.....	.....	.....	261	521	1 69	1 40
	Totals	95	581	562	1006	.....	.....	.....	.....	1006	2159	7 11	5 98
137	Truckman	26	154	152	317	.....	22	.....	.....	339	678	2 20	1 86
138	"	26	154	141	253	.....	17	.....	.....	270	540	1 75	1 48
139	"	26	154	127	213	.....	28	.....	.....	241	483	1 56	1 32
140	"	16	94	86	129	.....	6	.....	.....	135	438	1 43	1 20
	Totals	94	556	506	912	.....	73	.....	.....	985	2139	6 94	5 86
141	Draughtsman	26	154	154	392	.....	.....	.....	.....	392	785	2 52	2 15
142	"	22	130	130	327	.....	.....	.....	.....	327	777	2 52	2 13
143	"	8	46	52	52	.....	.....	.....	.....	52	340	1 00	93
	Totals	56	330	336	771	.....	.....	.....	.....	771	1902	6 04	5 21
	Miscellaneous—												
144	Finisher	10	58	58		4,874	195	.....	.....	195	1013	3 36	2 78
145	Steam-hammer man	26	154	148	289	.....	22	.....	.....	311	622	2 02	1 71
146	Clerk erecting shop	26	154	154	300	.....	.....	.....	.....	300	600	1 94	1 64
147	Tool dresser	26	154	158	277	.....	.....	.....	.....	277	954	1 75	*1 52
148	Packer	26	154	157	276	.....	.....	.....	.....	276	552	1 75	*1 51
149	Teamster	10	60	58	72	.....	.....	.....	.....	72	377	1 24	1 03
150	Glazier boy	26	154	143	144	.....	4	.....	.....	148	296	95	81
151	Painter (foreman)	26	154	154	600	.....	.....	.....	.....	600	1200	3 89	3 29
152	" "	26	154	154	513	.....	.....	.....	.....	513	1026	3 33	2 80
	Totals	52	308	308	1113	.....	.....	.....	.....	1113	2226	7 22	6 09

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
153.	Painter	8	46	49	$127	.....	.....	.....	.....	$127	$827	$2 59	$2 57
154.	"	26	154	128	328	.....	.....	.....	.....	328	655	2 55	1 96
155	"	26	154	158	276	.....	.....	.....	.....	276	552	1 75	1 51
156.	"	26	154	123	267	.....	.....	.....	.....	267	535	2 16	1 46
157.	"	4	24	27	40	.....	.....	.....	...	40	526	1 50	1 44
158.	"	26	154	146	256	.....	.....	.....	.....	256	512	1 75	1 40
159.	"	26	154	145	254	.....	.....	.....	.....	254	507	1 75	1 39
160	"	26	154	148	249	.....	.....	.....	.....	249	497	1 68	1 36
161.	"	16	94	83	152	.....	.....	.....	.....	152	493	1 83	1 35
162.	"	26	154	140	245	.....	.....	.....	.....	245	490	1 75	1 34
163.	"	4	23	23	35	.....	.....	.....	.....	35	456	1 52	1 25
164.	"	8	46	43	65	.....	.....	.....	.....	65	424	1 50	1 16
165.	"	8	46	40	64	.....	.....	.....	.....	64	417	1 60	1 14
166	"	12	70	55	93	.....	.....	.....	.....	93	402	1 68	1 10
167.	"	12	70	52	91	.....	.....	.....	.....	91	393	1 75	1 08
168.	"	12	72	62	90	.....	.....	.....	.....	90	389	1 44	1 07
169.	"	26	154	139	185	.....	.....	.....	.....	185	371	1 33	1 01
170.	"	26	154	115	183	.....	.....	.....	.....	183	367	1 59	1 00
171	"	4	24	18	27	.....	.....	.....	.....	27	354	1 50	97
172.	"	4	23	18	27	.....	.....	.....	.....	27	347	1 48	95
173.	"	26	154	92	161	.....	.....	.....	.....	161	322	1 74	88
174.	"	26	154	110	154	.....	.....	.....	.....	154	308	1 39	84
175.	"	8	47	21	23	.....	.....	.....	.....	23	150	1 09	41
	Totals	386	2279	1935	3392	.....	.....	.....	.....	3392	10234	38 92	28 18
176.	Painter (boy)	26	154	154	160	.....	.....	.....	.....	160	319	1 03	87
177.	"	4	23	22	17	.....	.....	.....	.....	17	218	76	59
178.	"	4	23	19	14	.....	.....	.....	.....	14	186	75	51
179.	"	26	154	138	94	.....	.....	.....	.....	94	188	68	51
180.	"	26	154	112	90	.....	.....	.....	.....	90	180	80	49
181.	"	16	94	81	42	.....	.....	.....	.....	42	137	52	37
	Totals	102	602	526	417	.....	.....	.....	.....	417	1228	4 54	3 34
182	Painter	26	154	106	266	.....	211	.....	.....	477	955	3 09	2 62
183	"	26	154	73	165	.....	300	.....	.....	465	930	3 02	2 55
184	"	26	154	59	138	.....	325	.....	.....	458	916	2 97	2 51
185	"	10	59	34	85	.....	84	.....	.....	169	875	2 85	2 40
186	"	26	154	68	154	.....	274	.....	.....	428	857	2 78	2 35
187.	"	26	154	64	155	.....	266	.....	.....	421	842	2 73	2 31
188.	"	8	46	24	53	.....	71	.....	.....	124	807	2 69	2 21
189.	"	26	154	61	151	.....	252	.....	.....	403	806	2 61	2 21
190.	"	26	154	75	174	.....	222	.....	...	396	792	2 57	2 17
191.	"	26	154	83	184	.....	199	.....	.....	383	766	2 48	2 10
192.	"	26	154	121	287	.....	85	.....	.....	372	743	2 41	2 04
193.	"	26	154	50	100	.....	269	.....	.....	369	739	2 39	2 03
194.	"	8	46	39	87	.....	25	.....	.....	112	730	2 44	2 00
195.	"	26	154	90	181	.....	180	.....	.....	361	722	2 34	1 98
196	"	17	100	55	98	.....	115	.....	.....	213	653	2 13	1 79
197.	"	26	154	81	153	.....	163	.....	.....	313	631	2 05	1 73
198.	"	8	46	21	47	.....	47	.....	.....	94	605	2 02	1 66
199.	"	26	154	123	246	.....	57	.....	.....	303	607	1 96	1 66
200.	"	26	154	110	192	.....	105	.....	.....	297	594	1 93	1 63
201.	"	26	154	98	195	.....	102	.....	.....	297	596	1 93	1 63
202	"	4	23	19	39	.....	6	.....	.....	45	584	1 95	1 60
203	"	26	154	83	168	.....	119	.....	.....	287	575	1 84	1 57
204.	"	10	58	39	79	.....	20	.....	.....	99	512	1 69	1 40
205	"	4	23	18	36	.....	1	.....	.....	37	490	1 63	1 34
206	"	20	119	60	106	.....	69	.....	.....	175	457	1 47	1 24
207.	"	20	118	101	151	.....	3	.....	.....	154	401	1 30	1 10
	Totals	525	3102	1755	3685	.....	3570	.....	.....	7255	18184	59 27	49 83
208.	Painter (boy)	26	154	59	59	.....	137	.....	.....	196	393	1 27	1 07
209	"	26	154	68	65	.....	124	.....	.....	189	377	1 22	1 03
210	"	26	154	67	64	.....	121	.....	.....	185	369	1 19	1 01
211.	"	26	154	136	166	.....	6	.....	.....	172	344	1 11	94
212.	"	26	154	86	82	.....	89	.....	.....	171	342	1 11	94
213.	"	24	142	95	131	.....	12	.....	.....	143	309	1 00	86
214.	"	26	154	151	114	.....	5	.....	.....	119	238	77	65
	Totals	180	1066	662	681	.....	494	.....	.....	1174	2372	7 67	6 50

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. flasks made in period	Amount received for flasks made	No. of axles made in period	Amount received for axles	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each day worked	Average daily net income
215	Blacksmith (foreman)	8	46	46	$200	.....	.....	.....	.....	$200	$1300	$4 34	$3 57
216	" "	17	102	102	400	.....	.....	.....	.....	400	1295	3 92	3 36
	Totals	25	148	148	600	.....	.....	.....	.....	600	2595	8 26	6 93
217	Blacksmith	26	154	29	59	.....	$480	.....	.....	489	978	3 17	2 68
218	"	26	154	123	276	.....	117	.....	.....	393	785	2 54	2 15
219	"	10	58	35	71	.....	73	.....	.....	144	750	2 48	2 07
220	"	26	154	40	63	.....	315	.....	.....	378	755	2 45	2 07
221	"	26	154	151	376	.....	.....	.....	.....	376	751	2 43	2 06
222	"	15	88	50	101	.....	114	.....	.....	215	743	2 43	2 04
223	"	26	154	50	85	.....	267	.....	.....	352	705	2 28	1 93
224	"	17	100	46	116	.....	103	.....	.....	219	672	2 19	1 84
225	"	26	154	127	274	.....	62	.....	.....	336	672	2 18	1 84
226	"	8	46	38	87	.....	10	.....	.....	97	632	2 11	1 73
227	"	26	154	47	118	.....	191	.....	.....	309	619	2 01	1 70
228	"	20	118	105	235	.....	.....	.....	.....	235	612	1 99	1 68
229	"	12	70	50	113	.....	21	.....	.....	134	581	1 91	1 57
230	"	4	23	18	32	.....	10	.....	.....	42	548	1 83	1 50
231	"	26	154	101	202	.....	74	.....	.....	276	554	1 79	1 50
232	"	13	76	63	103	.....	30	.....	.....	133	534	1 75	1 46
233	"	26	154	46	68	.....	199	.....	.....	267	534	1 73	1 46
234	"	12	70	55	92	.....	27	.....	.....	119	516	1 70	1 43
235	"	26	154	48	59	.....	197	.....	.....	256	513	1 66	1 40
236	"	17	102	63	79	.....	80	.....	.....	159	486	1 55	1 33
237	"	26	154	118	164	.....	62	.....	.....	226	452	1 46	1 24
238	"	13	76	77	98	.....	19	.....	.....	112	445	1 46	1 22
239	"	4	23	18	32	.....	.....	.....	.....	32	419	1 40	1 15
240	"	26	154	110	138	.....	75	.....	.....	213	426	1 38	1 15
241	"	13	76	41	52	.....	50	.....	.....	102	408	1 34	1 12
242	"	8	46	39	49	.....	13	.....	.....	62	403	1 34	1 10
243	"	26	154	139	174	.....	31	.....	.....	205	409	1 32	1 10
244	"	12	70	44	55	56	36	.....	.....	91	397	1 31	1 09
	Totals	516	3044	1871	3366	56	2606	.....	.....	5972	16299	53 19	44 61
245	Blacksmith (boy)	26	154	56	70	.....	123	.....	.....	193	386	1 25	1 06
246	" "	26	154	151	189	.....	2	.....	.....	191	381	1 23	1 04
247	" "	26	154	124	155	.....	33	.....	.....	188	376	1 22	1 03
248	" "	26	154	142	172	.....	15	.....	.....	187	374	1 21	1 02
249	" "	12	70	26	32	.....	52	.....	.....	84	335	1 19	99
250	" "	26	154	112	146	3,060	28	.....	.....	174	349	1 13	95
251	" "	13	76	55	69	.....	13	.....	.....	82	328	1 07	90
252	" "	22	130	58	72	77	8	.....	$27	80	255	83	70
253	" "	26	154	84	65	.....	63	.....	.....	128	255	82	70
254	" "	26	154	117	82	.....	4	.....	.....	86	173	56	47
	Totals	229	1354	925	1052	3137	341	.....	27	1393	3212	10 51	8 86
255	Flask-maker	26	154	73	165	316	233	.....	.....	398	796	2 58	2 18
256	"	26	154	154	.....	1619	321	.....	.....	321	642	2 08	1 76
257	"	26	154	146	291	.....	.....	.....	.....	291	582	1 89	1 59
258	"	26	154	133	257	125	24	.....	.....	281	562	1 82	1 54
259	"	26	154	139	278	.....	.....	.....	.....	278	557	1 80	1 52
260	"	26	154	154	.....	7160	230	.....	.....	230	460	1 49	1 26
261	"	8	46	23	35	161	32	.....	.....	67	432	1 44	1 20
262	"	21	124	101	177	.....	.....	.....	.....	177	354	1 42	1 20
263	"	13	76	45	67	185	36	.....	.....	103	414	1 36	1 13
264	"	26	154	154	.....	6384	207	.....	.....	207	414	1 34	1 13
265	"	26	154	137	192	18	3	.....	.....	195	390	1 26	1 07
266	"	26	154	64	80	1290	115	.....	.....	195	389	1 26	1 06
	Totals	276	1632	1323	1542	17258	1201	.....	.....	2743	5992	19 74	16 64
267	Flask-maker (boy)	13	76	19	19	876	74	.....	.....	93	273	1 22	1 02
268	" "	21	124	86	129	89	15	.....	.....	144	357	1 16	98
269	" "	26	154	16	12	5066	157	.....	.....	169	338	1 09	92
270	" "	26	154	1	1	4584	168	.....	.....	169	337	1 09	92
271	" "	26	154	102	142	133	25	.....	.....	167	294	95	80
272	" "	26	154	107	43	518	57	.....	.....	100	199	64	54
	Totals	138	816	331	346	11266	496	.....	.....	842	1798	6 15	5 18

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. wheels made in period	Amount received for wheels made	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
273.	Core-maker	26	154	162	$324	.....	.....	.....	.....	$324	$649	$2 00	$1 [illegible]
274.	"	26	154	164	247	.....	.....	.....	.....	247	494	1 50	1 35
275.	"	26	154	144	208	.....	.....	.....	.....	208	417	1 44	1 14
276.	"	26	154	126	160	.....	.....	.....	.....	160	320	1 26	[illegible]
277.	"	26	154	119	133	.....	.....	.....	.....	133	268	1 12	73
	Totals	130	770	715	1072	.....	....	.....	.....	1072	2148	7 22	5 [illegible]
278.	Core-maker (boy)	26	154	136	133	.....	.....	.....	.....	133	265	97	72
279.	" "	12	70	70	46	.....	.....	.....	.....	46	199	65	54
280.	" "	26	154	126	79	.....	.....	.....	.....	79	158	62	43
281.	" "	26	154	131	53	.....	.....	.....	.....	53	107	41	29
	Totals	90	532	463	311	.....	.....	.....	.....	311	729	2 65	1 [illegible]
282.	Axle-turner	26	154	14	21	.....	.....	.....	$351	372	746	2 42	2 04
283.	"	12	70	70	.....	.....	.....	921	168	168	729	2 40	2 00
284.	"	26	154	154	.....	.....	.....	2139	359	359	719	2 33	1 97
285.	"	12	70	65	17	.....	.....	648	121	138	597	1 96	1 64
	Totals	76	448	303	38	.....	.....	3708	999	1037	2791	9 11	7 65
286	Wheel moulder (F.)	17	100	100	560	.....	.....	.....	.....	560	1713	5 60	4 70
287.	" "	13	78	78	360	.....	.....	.....	.....	360	1440	4 61	3 95
	Totals	30	178	178	920	.....	.....	.....	.....	920	3153	10 21	8 65
288	Wheel moulder	26	154	.....	.....	2544	$585	.....	....	585	1170	3 80	3 21
289.	"	23	136	.....	.....	2170	488	.....	.....	488	1104	3 59	3 03
290	"	26	154	.....	.....	2388	537	.....	.....	537	1075	3 48	2 95
291.	"	26	154	.....	.....	2353	529	.....	.....	529	1059	3 43	2 90
292.	"	22	130	.....	.....	1967	444	.....	.....	444	1048	3 41	2 88
293.	"	3	18	.....	.....	204	46	.....	.....	46	796	2 55	2 18
	Totals	126	746	.....	.....	11626	2629	.....	.....	2629	6252	20 26	17 15
294.	Casting moulder	18	106	100	225	.....	.....	.....	.....	225	651	2 25	1 [illegible]
295.	"	17	100	93	209	.....	.....	.....	.....	209	640	2 25	1 76
296.	"	26	154	149	299	.....	.....	.....	.....	299	598	2 00	1 64
297.	"	26	154	146	292	.....	.....	.....	.....	292	595	2 00	1 60
298.	"	26	154	127	286	.....	.....	.....	.....	286	571	2 25	1 57
299.	"	17	102	96	174	.....	.....	.....	.....	174	532	1 81	1 46
300.	"	26	154	132	264	.....	.....	.....	.....	264	528	2 00	1 45
301.	"	23	136	105	211	.....	.....	.....	.....	211	477	2 00	1 31
302.	"	26	154	125	218	.....	.....	.....	.....	218	437	1 74	1 20
	Totals	205	1214	1074	2178	.....	.....	.....	.....	2178	5029	18 30	13 77
303.	Helper	26	154	153	207	.....	.....	.....	.....	207	414	1 35	1 34
304.	"	16	96	85	129	.....	.....	.....	.....	129	421	1 52	1 13
305.	"	26	154	149	190	.....	.....	.....	.....	190	380	1 27	1 04
306.	"	8	46	45	57	.....	.....	.....	.....	57	368	1 25	1 01
307.	"	26	154	152	180	.....	.....	.....	.....	180	361	1 36	99
308	"	26	154	134	181	.....	.....	.....	.....	181	362	1 35	99
309.	"	12	70	61	83	.....	.....	.....	.....	83	358	1 35	98
310.	"	26	154	123	165	.....	.....	.....	.....	165	331	1 35	90
311.	"	12	71	59	75	.....	.....	.....	.....	75	323	1 26	88
312.	"	26	154	116	157	.....	.....	.....	.....	157	314	1 35	86
	Totals	204	1207	1057	1424	.....	.....	.....	.....	1424	3632	13 41	10 12
313.	Boy	26	154	132	99	...	.....	.....	.....	99	199	75	54
314.	"	22	131	110	82	.....	.....	.....	.....	82	195	75	53
315	"	26	154	138	71	.....	.....	.....	.....	71	141	51	38
	Totals	74	439	380	252	.....	.....	.....	....	252	535	2 01	1 45
316.	Store keeper	26	154	157	276	.....	.....	.. ..	.....	276	552	1 75	1 51
317	"	12	70	54	68	.....	....	.....	.....	68	294	1 25	80
	Totals	38	224	211	344	.....	.....	....	.....	344	846	3 00	2 31

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. piece made in period	Amount received for piece work	No. pieces made in period	Amount received for pieces	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
318.	Machine shop (sup't)	26	154	154	$840					$840	$1680	$5 45	$4 56
319	Machinist	26	154	157	393					393	787	2 50	2 16
320	"	26	154	143	393					393	786	2 74	2 15
321.	"	26	154	171	409					409	818	2 39	2 13
322.	"	8	46	51	114					114	742	2 24	2 04
323.	"	26	154	160	359					359	717	2 24	1 97
324.	"	26	154	135	325					325	651	2 40	1 78
325.	"	21	125	144	262					262	648	1 81	1 78
326	"	8	46	48	96					96	628	2 01	1 72
327.	"	26	154	157	248					248	496	1 57	1 36
328	"	26	154	137	206					206	411	1 50	1 13
329.	"	26	154	107	161					161	322	1 50	88
	Totals	245	1449	1410	2966					2,966	7,006	22 90	19 10
330.	Machinist (assistant)	26	154	180	265					265	534	1 47	1 45
331	"	21	124	120	174					174	430	1 44	1 17
332	"	26	154	143	199					199	399	1 39	1 09
333	"	13	76	62	83					83	330	1 33	90
	Totals	86	508	505	721					721	1693	5 63	4 61
334.	Chipper	26	154	136	306					306	611	2 25	1 67
335.	"	26	154	132	243					243	487	1 84	1 33
336	"	26	154	139	229					229	457	1 65	1 25
337.	"	26	154	132	181					181	361	1 36	99
338.	"	12	70	61	82					82	355	1 35	97
339	"	26	154	122	168					168	336	1 37	92
340	"	26	154	115	155					155	351	1 35	85
	Totals	168	994	837	1364					1364	2958	11 17	7 98
341.	Tinner (foreman)	26	154	154	600					600	1200	3 89	3 29
342	"	26	154	156	406					406	813	2 63	2 23
343.	"	8	24	6	13		$53			66	427	2 74	2 05
344.	"	4	24	21	48		5			53	557	2 20	1 80
345	"	13	76	62	124		8			132	527	1 73	1 44
346.	"	9	54	49	87					87	375	1 60	1 37
347	"	8	46	14	30		27			57	370	1 23	1 01
348	"	15	88	48	73		11			84	390	95	79
	Totals	83	466	356	781		104			885	3459	13 08	10 69
349	Tinner (boy)	21	124	103	51		8			59	146	47	40
350	Cabinet shop (foreman)	26	154	153	604					604	1209	3 92	3 32
351	"	14	84	83	200		38			238	886	3 31	2 83
352	"	17	102	91	228		33			261	798	2 55	2 19
353	"	26	154	90	216		168			384	767	2 49	2 10
354	"	26	154	134	335		29			364	727	2 35	1 99
355.	"	12	72	67	168					168	726	2 32	1 99
356	"	26	154	144	339		8			347	693	2 24	1 90
357.	"	13	76	51	128		42			170	683	2 24	1 87
358.	"	26	154	141	332		8			340	679	2 20	1 86
359.	"	26	154	108	260		79			339	678	2 20	1 86
360.	"	6	35	35	77					77	666	2 20	1 83
361.	"	26	154	119	274		62			336	671	2 17	1 83
362	"	16	94	89	203					203	659	2 15	1 81
363	"	26	154	118	262		66			328	655	2 12	1 80
364	"	23	136	119	287					287	648	2 10	1 78
365	"	12	72	66	149					149	644	2 06	1 77
366	"	8	46	37	88		10			98	633	2 05	1 74
367	"	11	72	62	142					142	614	1 96	1 68
368.	"	23	154	106	233		65			298	597	1 93	1 64
369.	"	26	154	194	292					292	583	1 89	1 60
370.	"	26	154	131	263		18			281	562	1 82	1 56
371	"	12	72	43	103		11			114	497	1 59	1 36
	Totals	404	2401	2028	4579		637			5216	14066	45 94	38 99

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—weeks	No working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for piece work	No. pieces made in period	Amount received for pieces	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
372.	Cabinet shop (boy)	26	154	116	$104		$15			$119	$237	$77	[illegible]
373.	" "	26	154	83	62		41			103	206	66	[illegible]
374.	" "	4	23	22	11					11	142	47	[illegible]
375.	" "	26	154	132	66					66	132	43	[illegible]
376.	" "	26	154	125	63					63	125	40	[illegible]
377.	" "	26	154	110	55					55	110	35	[illegible]
378.	" "	15	88	56	25					25	82	27	[illegible]
	Totals	149	881	644	386		56			442	1034	335	[illegible]
379.	Upholsterer (foreman)	26	154	166	414					414	828	2 69	2 [illegible]
380.	" "	26	154	62	81		207			288	575	1 86	1 [illegible]
	Totals	52	308	228	495		207			702	1403	4 55	3 [illegible]
381.	Upholsterer (boy)	26	154	69	86		8			94	188	60	51
382.	" "	26	154	106	55		10			65	130	42	35
	Totals	52	308	175	141		18			159	318	1 02	[illegible]
383.	Carpenter	9	52	51	141					141	814	2 75	2 [illegible]
384.	"	10	59	47	154					154	801	3 25	2 [illegible]
385.	"	6	36	37	92					92	801	2 50	2 [illegible]
386.	"	9	52	61	138					138	799	2 26	2 [illegible]
387	"	7	40	42	104					104	775	2 49	2 13
388.	"	26	154	139	367					367	734	2 64	2 [illegible]
389.	"	8	46	47	111					111	730	2 35	1 [illegible]
390.	"	26	154	131	328					328	657	2 50	1 [illegible]
391.	"	4	24	25	49					49	641	2 00	1 [illegible]
392.	"	10	58	61	123					123	638	2 00	1 [illegible]
393.	"	7	40	38	85					85	628	2 25	1 [illegible]
394.	"	9	52	45	102					102	590	2 25	1 [illegible]
395.	"	26	154	152	291					291	582	1 91	1 [illegible]
396	"	8	56	38	86					86	560	2 25	1 [illegible]
397.	"	26	154	158	277					277	553	1 75	1 [illegible]
398.	"	18	108	82	185					185	534	2 25	1 [illegible]
399.	"	9	52	46	91					91	527	2 00	1 [illegible]
400.	"	4	23	23	40					40	519	1 75	1 [illegible]
401.	"	7	41	36	69					69	515	1 90	1 [illegible]
402.	"	13	77	73	128					128	513	1 75	1 [illegible]
403.	"	10	59	56	98					98	508	1 75	1 [illegible]
404.	"	26	154	136	246					246	492	1 80	1 [illegible]
405.	"	26	154	137	240					240	479	1 75	1 [illegible]
406.	"	26	154	151	226					226	453	1 50	1 [illegible]
407.	"	4	23	23	34					34	441	1 50	1 [illegible]
408	"	26	154	141	211					211	423	1 50	1 [illegible]
409.	"	8	46	32	64					64	416	2 00	1 14
	Totals	368	2176	2008	4080					4080	16113	56 60	44 19
410.	Carpenter (boy)	10	58	58	70					70	362	1 20	[illegible]
411.	" "	12	70	61	67					67	292	1 10	[illegible]
412	" "	26	154	125	109					109	219	87	[illegible]
413.	" "	26	154	120	100					100	205	80	55
	Totals	74	436	364	346					346	1078	3 97	2 [illegible]
414.	Carpenter	26	154	159	36		441			477	954	3 09	2 [illegible]
415.	"	8	46	44	111		27			138	900	3 01	2 [illegible]
416.	"	26	154	20	48		380			428	855	2 [illegible]	2 [illegible]
417.	"	8	46	14	85		95			180	848	2 83	2 [illegible]
418.	"	26	154	35	89		333			422	844	2 73	2 [illegible]
419.	"	8	46	47	105		22			127	830	2 [illegible]	2 [illegible]
420.	"	8	46	12	27		100			127	829	2 [illegible]	2 [illegible]
421.	"	26	154	108	269		147			416	833	2 70	2 [illegible]
422.	"	26	154	20	48		361			409	817	2 65	2 [illegible]
423.	"	26	154	83	216		173			389	778	2 52	2 [illegible]
424	"	26	154	27	66		322			388	775	2 51	2 [illegible]
425.	"	8	46	37	103		15			118	767	2 56	2 [illegible]
426.	"	26	154	28	71		312			383	766	2 48	2 [illegible]
427.	"	18	106	34	79		180			259	749	2 44	2 [illegible]
428.	"	26	154	18	22		352			374	749	2 43	2 [illegible]
429.	"	26	154	41	71		303			374	747	2 42	2 [illegible]
430.	"	26	154	23	52		318			370	740	2 40	2 [illegible]
431.	"	26	154	18	41		328			369	737	2 43	2 [illegible]

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TABLE OF WORK AND WAGES—Continued.

No.	Occupation.	Period considered—weeks	No working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for piece work	No. tanks made in period	Amount received for tanks	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
2.	Carpenter	22	131	24	$48		$261			$309	$728	$2 35	$2 00
3.	"	26	154	31	54		306			360	721	2 33	2 00
4.	"	26	154	126	347		12			359	719	2 33	1 97
5	"	22	130	64	143		160			303	715	2 32	1 96
6.	"	26	154	55	123		229			352	704	2 28	1 93
7.	"	26	154	19	42		309			351	702	2 27	1 92
8.	"	26	154	70	133		214			347	694	2 25	1 90
9.	"	26	154	5	8		339			347	691	2 24	1 90
10.	"	26	154	48	107		236			343	687	2 22	1 88
11.	"	26	154	34	64		277			341	683	2 21	1 87
12.	"	10	58	23	52		79			131	680	2 25	1 86
13.	"	26	154	56	106		234			340	680	2 20	1 86
14	"	4	23	23			51			51	668	2 23	1 83
15	"	17	102	34	59		159			218	666	2 13	1 83
16.	"	26	154	53	93		232			325	651	2 11	1 77
17.	"	26	154	47	83		58	45	$182	323	646	2 09	1 77
18.	"	10	58	50	105		19			124	645	2 08	1 77
19	"	26	154	47	119		202			321	642	2 08	1 76
20	"	26	154	23	40		281			321	642	2 08	1 76
21	"	15	88	9	16		168			184	636	2 08	1 74
22	"	26	154	19	34		282			316	632	2 05	1 73
23.	"	8	46	8	13		83			96	620	2 07	1 70
24	"	26	154	9	17		293			310	618	2 00	1 70
25.	"	26	154	25	41		266			307	615	2 00	1 69
26.	"	8	46	10	17		825	13	52	94	615	2 05	1 68
27.	"	18	106	18	31		132			213	609	2 00	1 68
28	"	26	154	22	47		257			304	609	1 98	1 68
29.	"	8	46	7	11		82			93	604	2 02	1 66
30.	"	26	154	34	76		227			303	606	1 96	1 66
31.	"	26	154	44	84		219			303	606	1 96	1 66
32.	"	4	23	12	21		25			46	600	2 00	1 64
33.	"	8	47	21	51		40			91	597	1 95	1 64
34.	"	26	154	25	50		247			297	595	1 93	1 63
35.	"	10	59	40	7		90	10	17	114	594	1 93	1 63
36.	"	26	154	37	65		231			296	594	1 92	1 63
37.	"	26	154	59	94		203			297	594	1 92	1 63
38.	"	18	108	69	128		77			205	593	1 90	1 62
39.	"	26	154	30	45		246			291	583	1 89	1 60
40.	"	26	154	16	30		231			261	583	1 89	1 60
41.	"	22	131	34	73		174			247	584	1 88	1 00
42.	"	23	139	15	35		223			258	584	1 85	1 60
43.	"	26	154	74	130		160			290	579	1 88	1 59
44.	"	26	154	112	248		39			287	575	1 86	1 58
45.	"	12	70	19	33		98			131	570	1 88	1 56
46.	"	26	154	68	119		165			284	566	1 83	1 55
47.	"	26	154	49	73		210			283	566	1 83	1 55
48.	"	26	154	50	80		202			282	563	1 82	1 54
49.	"	12	70	59	119		10			129	557	1 83	1 53
50.	"	13	76	82	72		67			139	557	1 83	1 53
51	"	12	70	34	76		52			128	556	1 83	1 53
52.	"	16	94	28	49		122			171	556	1 82	1 52
53.	"	18	108	33	59		134			193	555	1 78	1 52
54.	"	26	154	57	100		173			273	546	1 79	1 50
55.	"	8	48	12	27		57			84	544	1 74	1 50
56.	"	26	154	131	249		23			272	544	1 76	1 49
57	"	26	154	56	88		181			269	539	1 74	1 48
58	"	8	46	6	10		73			83	538	1 80	1 47
59.	"	26	154	107	213		56			269	538	1 74	1 47
60.	"	26	154	8	13		254			267	534	1 73	1 46
61.	"	26	154	8	10		254			264	528	1 72	1 45
62.	"	12	70	9	14		107			121	522	1 72	1 43
63.	"	26	154	109	191		2	23	65	258	517	1 67	1 41
64	"	26	154	47	72		177			250	500	1 62	1 37
65	"	4	23	23			38			38	497	1 65	1 36
66.	"	22	131	128	197		13			210	495	1 60	1 36
67	"	26	154	32	41		206			247	493	1 60	1 35
68	"	22	130	51	89		119			208	492	1 60	1 35
69	"	26	154	26	47		198			245	490	1 59	1 34
70	"	8	47	9	14		64			78	506	1 65	1 33
71.	"	20	118	8	14		173			186	487	1 57	1 33
72.	"	12	70	39	75		38			112	483	1 59	1 32
73.	"	12	72	13	18		92			110	478	1 53	1 31
74	"	26	154	18	28		208			236	473	1 53	1 30
75	"	12	70	53	8		99			107	469	1 53	1 27
76.	"	26	154	18	27		201			228	456	1 48	1 25

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—Weeks	No. working days in period	No. of days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each day worked	Average daily earnings
507	Carpenter	26	154	38	$67	.....	$157	.....	.....	$224	$449	$1 46	$1 [illegible]
508	"	26	154	77	116	.....	107	.....	.....	223	447	1 45	1 [illegible]
509	"	18	106	35	61	.....	94	.....	.....	155	443	1 46	1 [illegible]
510	"	26	154	104	183	.....	43	.....	.....	225	451	1 46	1 [illegible]
511	"	18	106	57	10	.....	144	.....	.....	154	444	1 45	1 [illegible]
512	"	10	58	25	44	.....	40	.....	.....	85	442	1 46	1 [illegible]
513	"	26	154	95	167	.....	52	.....	.....	219	438	1 42	1 [illegible]
514	"	26	154	24	42	.....	175	.....	.....	217	434	1 41	1 [illegible]
515	"	26	154	55	78	.....	139	.....	.....	217	433	1 40	1 [illegible]
516	"	26	154	62	78	.....	137	.....	.....	215	430	1 39	1 [illegible]
517	"	26	154	8	12	.....	203	.....	.....	215	430	1 38	1 [illegible]
518	"	26	154	22	33	.....	178	.....	.....	211	423	1 37	1 [illegible]
519	"	26	154	19	33	.....	178	.....	.....	211	422	1 37	1 [illegible]
520	"	18	107	7	9	.....	139	.....	.....	148	421	1 36	1 [illegible]
521	"	26	154	27	30	.....	180	.....	.....	210	420	1 36	1 [illegible]
522	"	12	70	9	17	.....	79	.....	.....	96	416	1 36	1 [illegible]
523	"	13	76	22	34	.....	67	.....	.....	102	407	1 33	1 [illegible]
524	"	8	46	16	29	.....	33	.....	.....	62	401	1 34	1 [illegible]
525	"	26	154	36	65	.....	135	.....	.....	200	395	1 29	1 [illegible]
526	"	22	131	17	23	.....	143	.....	.....	166	393	1 27	1 [illegible]
527	"	12	70	1	1	.....	88	.....	.....	90	388	1 28	1 [illegible]
528	"	26	154	17	30	.....	163	.....	.....	194	387	1 25	1 [illegible]
529	"	14	82	10	15	.....	88	.....	.....	103	376	1 25	1 [illegible]
530	"	13	77	14	18	.....	76	.....	.....	94	376	1 22	1 [illegible]
531	"	12	70	7	12	.....	75	.....	.....	87	376	1 24	1 [illegible]
532	"	26	154	2	3	.....	184	.....	.....	186	373	1 21	1 [illegible]
533	"	26	154	90	158	.....	27	.....	.....	185	360	1 20	1 [illegible]
534	"	22	131	64	9	.....	147	.....	.....	156	365	1 18	1 [illegible]
535	"	12	70	4	6	.....	77	.....	.....	83	361	1 19	[illegible]
536	"	26	154	12	15	.....	164	.....	.....	179	359	1 16	[illegible]
537	"	16	94	14	25	.....	84	.....	.....	109	354	1 16	[illegible]
538	"	24	143	82	112	.....	48	.....	.....	160	347	1 12	[illegible]
539	"	26	154	39	64	.....	109	.....	.....	173	346	1 12	[illegible]
540	"	22	131	11	15	.....	130	.....	.....	145	343	1 10	[illegible]
541	"	18	106	6	8	.....	109	.....	.....	117	339	1 10	[illegible]
542	"	26	154	2	3	.....	166	.....	.....	169	338	1 09	[illegible]
543	"	8	46	.....	.....	.....	52	.....	.....	52	335	1 12	[illegible]
544	"	22	131	83	125	.....	17	.....	.....	142	335	1 09	[illegible]
545	"	13	78	47	82	.....	1	.....	.....	83	332	1 06	[illegible]
546	"	26	154	2	3	.....	159	.....	.....	162	326	1 05	[illegible]
547	"	26	154	88	149	.....	12	.....	.....	161	322	1 04	[illegible]
548	"	8	48	19	29	.....	21	.....	.....	50	322	1 03	[illegible]
549	"	18	108	7	10	.....	95	.....	.....	105	303	97	[illegible]
550	"	26	154	14	22	.....	122	.....	.....	144	298	93	[illegible]
551	"	16	94	13	19	.....	68	.....	.....	87	284	93	[illegible]
552	"	17	102	.....	.....	.....	90	.....	.....	90	275	88	[illegible]
553	"	26	154	4	5	.....	131	.....	.....	136	272	88	[illegible]
554	"	16	94	3	5	.....	71	.....	.....	76	247	81	[illegible]
	Totals	2860	16915	5093	8878	.....	20800	91	$316	29995	76590	249 40	[illegible]
555	Carpenter (boy)	10	59	12	13	.....	57	.....	.....	70	362	1 18	[illegible]
556	" "	26	154	89	105	.....	62	.....	.....	167	335	1 08	[illegible]
557	" "	26	154	1	2	.....	162	.....	.....	164	327	1 06	[illegible]
558	" "	16	95	27	42	.....	48	.....	.....	90	291	94	[illegible]
559	" "	26	154	36	43	.....	66	.....	.....	109	218	71	[illegible]
	Totals	104	616	165	205	.....	395	.....	.....	600	1533	4 97	[illegible]
560	Laborer	26	154	172	258	.....	.....	.....	.....	258	517	1 50	[illegible]
561	"	8	46	52	78	.....	.....	.....	.....	78	506	1 50	[illegible]
562	"	26	154	149	208	.....	.....	.....	.....	208	416	1 39	[illegible]
563	"	26	154	146	206	.....	.....	.....	.....	206	414	1 38	[illegible]
564	"	17	100	100	150	.....	.....	.....	.....	150	450	1 50	[illegible]
565	"	26	154	159	230	.....	.....	.....	.....	230	460	1 44	[illegible]
566	"	4	23	24	34	.....	.....	.....	.....	34	445	1 40	[illegible]
567	"	26	154	158	221	.....	.....	.....	.....	221	442	1 40	[illegible]
568	"	26	154	174	219	.....	.....	.....	.....	219	438	1 37	[illegible]
569	"	26	154	150	217	.....	.....	.....	.....	217	434	1 44	[illegible]
570	"	26	154	146	211	.....	.....	.....	.....	211	423	1 44	[illegible]
571	"	20	118	130	163	.....	.....	.....	.....	163	423	1 25	[illegible]
572	"	9	52	54	73	.....	.....	.....	.....	73	422	1 35	[illegible]
573	"	22	130	123	176	.....	.....	.....	.....	176	416	1 43	[illegible]
574	"	26	154	147	202	.....	.....	.....	.....	202	404	1 36	[illegible]
575	"	26	154	143	201	.....	.....	.....	.....	201	402	1 40	[illegible]

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TABLE OF WORK AND WAGES—Continued.

No. of employee	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
6.	Laborer	20	154	188	$201	.....	.....	.....	.....	$201	$402	$1 06	$1 10
7.	"	26	154	157	198	.....	.....	.....	.....	198	396	1 26	1 08
8.	"	8	46	48	60	.....	.....	.....	.....	60	393	1 26	1 08
9.	"	20	118	100	150	.....	.....	.....	.....	150	390	1 50	1 07
0	"	25	148	123	184	.....	.....	.....	.....	184	382	1 50	1 05
1	"	26	154	154	192	.....	.....	.....	.....	192	385	1 24	1 05
2	"	22	130	116	162	.....	.....	.....	.....	162	384	1 39	1 04
3	"	26	154	145	190	.....	.....	.....	.....	190	379	1 30	1 04
4	"	16	94	94	117	.....	.....	.....	.....	117	381	1 24	1 04
5	"	8	46	47	59	.....	.....	.....	.....	59	380	1 24	1 04
6.	"	26	154	158	189	.....	.....	.....	.....	189	378	1 19	1 04
7	"	8	46	46	58	.....	.....	.....	.....	58	375	1 25	1 03
8	"	12	70	71	86	.....	.....	.....	.....	86	374	1 21	1 03
9	"	26	154	159	188	.....	.....	.....	.....	188	376	1 18	1 03
0	"	10	60	57	72	.....	.....	.....	.....	72	374	1 26	1 02
1.	"	26	154	148	186	.....	.....	.....	.....	186	371	1 25	1 02
2	"	26	154	155	186	.....	.....	.....	.....	186	372	1 20	1 02
3	"	17	100	90	121	.....	.....	.....	.....	121	371	1 34	1 01
4	"	26	154	147	184	.....	.....	.....	.....	184	369	1 25	1 01
5	"	4	23	23	28	.....	.....	.....	.....	28	370	1 23	1 01
6	"	26	154	150	184	.....	.....	.....	.....	184	368	1 22	1 01
7	"	16	94	84	112	.....	.....	.....	.....	112	366	1 33	1 00
8	"	26	154	146	183	.....	.....	.....	.....	183	366	1 25	1 00
9.	"	12	71	69	84	.....	.....	.....	.....	84	365	1 22	1 00
0.	"	26	154	134	181	.....	.....	.....	.....	181	363	1 35	99
01	"	12	70	64	83	.....	.....	.....	.....	83	360	1 30	99
02.	"	12	70	67	84	.....	.....	.....	.....	84	362	1 25	99
03.	"	20	118	112	139	.....	.....	.....	.....	139	362	1 24	99
04	"	26	154	150	182	.....	.....	.....	.....	182	363	1 21	99
05	"	26	154	151	181	.....	.....	.....	.....	181	362	1 19	99
06.	"	26	154	153	182	.....	.....	.....	.....	182	363	1 18	99
07.	"	3	18	19	21	.....	.....	.....	.....	21	360	1 09	99
08	"	26	154	140	181	.....	.....	.....	.....	181	362	1 29	98
09	"	26	154	148	180	.....	.....	.....	.....	180	360	1 25	98
10	"	26	154	143	180	.....	.....	.....	.....	180	359	1 25	98
11.	"	26	154	144	180	.....	.....	.....	.....	180	359	1 24	98
12	"	26	154	143	179	.....	.....	.....	.....	179	357	1 24	98
13	"	26	154	149	180	.....	.....	.....	.....	180	359	1 20	98
14	"	12	70	69	83	.....	.....	.....	.....	83	359	1 20	98
15	"	26	154	127	178	.....	.....	.....	.....	178	355	1 39	97
16	"	26	154	142	177	.....	.....	.....	.....	177	354	1 24	97
17	"	18	108	100	123	.....	.....	.....	.....	123	354	1 22	97
18	"	26	154	152	178	.....	.....	.....	.....	178	355	1 16	97
19.	"	8	47	39	54	.....	.....	.....	.....	54	351	1 38	96
20	"	26	154	139	176	.....	.....	.....	.....	176	352	1 26	96
21	"	26	154	139	176	.....	.....	.....	.....	176	352	1 26	96
22	"	17	100	92	115	.....	.....	.....	.....	115	352	1 25	96
23	"	26	154	140	176	.....	.....	.....	.....	176	351	1 25	96
24	"	26	154	146	176	.....	.....	.....	.....	176	352	1 20	96
25	"	4	24	23	27	.....	.....	.....	.....	27	352	1 17	96
26.	"	26	154	150	176	.....	.....	.....	.....	176	351	1 17	96
27.	"	8	46	47	54	.....	.....	.....	.....	54	351	1 14	96
28	"	20	119	117	134	.....	.....	.....	.....	134	349	1 14	96
29.	"	4	23	24	27	.....	.....	.....	.....	27	351	1 12	96
30	"	16	95	85	107	.....	.....	.....	.....	107	347	1 25	95
31.	"	26	154	138	173	.....	.....	.....	.....	173	346	1 25	95
32.	"	12	70	64	80	.....	.....	.....	.....	80	346	1 25	95
33	"	8	46	43	53	.....	.....	.....	.....	53	347	1 24	95
34.	"	26	154	149	174	.....	.....	.....	.....	174	348	1 16	95
35.	"	26	154	137	172	.....	.....	.....	.....	172	344	1 25	95
36	"	20	118	105	132	.....	.....	.....	.....	132	343	1 25	94
37	"	26	154	138	172	.....	.....	.....	.....	172	345	1 24	94
38.	"	26	154	144	171	.....	.....	.....	.....	171	343	1 19	94
39	"	26	154	148	171	.....	.....	.....	.....	171	343	1 15	94
40.	"	26	154	131	169	.....	.....	.....	.....	169	339	1 26	93
41.	"	26	154	136	170	.....	.....	.....	.....	170	340	1 25	93
42	"	16	94	85	105	.....	.....	.....	.....	105	340	1 23	93
43.	"	8	46	46	52	.....	.....	.....	.....	52	341	1 14	93
44.	"	26	154	150	170	.....	.....	.....	.....	170	341	1 13	93
45.	"	26	154	150	170	.....	.....	.....	.....	170	339	1 13	93
46.	"	12	72	62	78	.....	.....	.....	.....	78	336	1 25	92
47.	"	17	100	87	110	.....	.....	.....	.....	110	335	1 25	92
48.	"	26	154	136	168	.....	.....	.....	.....	168	337	1 23	92
49.	"	26	154	146	169	.....	.....	.....	.....	169	338	1 15	92
50	"	26	154	132	166	.....	.....	.....	.....	166	332	1 25	91

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made.	No. pieces made in period	Amount received for pieces made.	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked.	Average daily net income
651.	Laborer	26	154	121	$165	.....	.....	.....	.....	$165	$330	$1 26	9
652.	"	8	46	41	51	.....	.....	.....	.....	51	331	1 24	9
653	"	26	154	139	166	.....	.....	.....	.....	166	331	1 19	9
654.	"	26	154	98	165	.....	.....	.....	.....	165	329	1 11	9
655	"	16	94	92	102	.....	.....	.....	.....	102	330	1 10	9
656.	"	26	154	149	164	.....	.....	.....	.....	164	328	1 10	9
657.	"	26	154	117	164	.....	.....	.....	.....	164	327	1 39	9
658.	"	26	154	130	163	.....	.....	.....	.....	163	327	1 25	9
659	"	12	70	65	75	.....	.....	.....	.....	75	325	1 15	9
660.	"	4	24	23	25	.....	.....	.....	.....	25	325	1 04	9
661.	"	15	90	74	93	.....	.....	.....	.....	93	322	1 29	9
662.	"	26	154	132	160	.....	.....	.....	.....	160	321	1 21	9
663.	"	18	108	98	111	.....	.....	.....	.....	111	321	1 13	9
664.	"	12	70	67	74	.....	.....	.....	.....	74	320	1 16	9
665.	"	26	154	122	159	.....	.....	.....	.....	159	318	1 34	9
666.	"	12	70	59	74	.....	.....	.....	.....	74	320	1 27	9
667.	"	26	154	126	158	.....	.....	.....	.....	158	316	1 27	9
668.	"	16	95	72	97	.....	.....	.....	.....	97	315	1 34	9
669.	"	16	94	77	96	.....	.....	.....	.....	96	313	1 27	9
670.	"	21	124	106	128	.....	.....	.....	.....	128	319	1 29	9
671.	"	26	154	138	157	.....	.....	.....	.....	157	313	1 13	9
672.	"	16	94	86	97	.....	.....	.....	.....	97	313	1 12	9
673	"	12	70	66	73	.....	.....	.....	.....	73	316	1 14	9
674	"	26	154	133	155	.....	.....	.....	.....	155	310	1 16	8
675.	"	8	46	38	47	.....	.....	.....	.....	47	308	1 24	8
676.	"	13	78	67	76	.....	.....	.....	.....	76	306	1 14	8
677.	"	26	154	138	154	.....	.....	.....	.....	154	308	1 11	8
678.	"	8	46	43	47	.....	.....	.....	.....	47	307	1 10	8
679	"	13	76	60	76	.....	.....	.....	.....	76	303	1 26	8
680.	"	26	154	149	153	.....	.....	.....	.....	153	305	1 02	8
681.	"	8	46	37	46	.....	.....	.....	.....	46	301	1 25	8
682.	"	26	154	135	150	.....	.....	.....	.....	150	300	1 11	8
683.	"	18	106	78	103	.....	.....	.....	.....	103	297	1 32	8
684	"	16	94	76	91	.....	.....	.....	.....	91	296	1 19	8
685.	"	8	46	42	46	.....	.....	.....	.....	46	297	1 09	8
686.	"	4	23	16	21	.....	.....	.....	.....	21	165	1 32	9
687.	"	26	154	115	146	.....	.....	.....	.....	146	293	1 27	9
688.	"	26	154	117	146	.....	.....	.....	.....	146	292	1 24	9
689.	"	8	46	39	45	.....	.....	.....	.....	45	294	1 15	9
690.	"	26	154	130	147	.....	.....	.....	.....	147	294	1 13	9
691.	"	26	154	131	147	.....	.....	.....	.....	147	294	1 12	9
692.	"	26	154	115	144	.....	.....	.....	.....	144	288	1 25	9
693.	"	12	70	57	67	.....	.....	.....	.....	67	288	1 16	9
694	"	13	76	65	72	.....	.....	.....	.....	72	288	1 10	9
695	"	4	23	20	22	.....	.....	.....	.....	22	290	1 07	9
696.	"	26	154	122	143	.....	.....	.....	.....	143	286	1 17	9
697	"	4	23	19	22	.....	.....	.....	.....	22	284	1 15	9
698.	"	26	154	128	143	.....	.....	.....	.....	143	285	1 11	9
699.	"	4	23	20	22	.....	.....	.....	.....	22	287	1 10	9
700.	"	26	154	123	141	.....	.....	.....	.....	141	282	1 14	9
701.	"	26	154	124	139	.....	.....	.....	.....	139	278	1 11	9
702.	"	4	23	20	21	.....	.....	.....	.....	21	279	1 07	9
703.	"	5	29	24	27	.....	.....	.....	.....	27	276	1 10	9
704.	"	10	58	45	52	.....	.....	.....	.....	52	270	1 15	9
705.	"	26	154	119	136	.....	.....	.....	.....	136	272	1 14	9
706.	"	12	70	57	63	.....	.....	.....	.....	63	271	1 09	9
707.	"	19	112	78	98	.....	.....	.....	.....	98	271	1 25	9
708	"	24	142	112	123	.....	.....	.....	.....	123	267	1 10	9
709.	"	10	60	43	51	.....	.....	.....	.....	51	265	1 16	9
710.	"	26	154	116	128	.....	.....	.....	.....	128	257	1 10	9
711.	"	12	70	53	58	.....	.....	.....	.....	58	253	1 10	9
712	"	22	131	86	96	.....	.....	.....	.....	96	227	1 11	9
713.	"	4	23	15	17	.....	.....	.....	.....	17	219	1 12	9
714	"	26	154	68	79	.....	.....	.....	.....	79	158	1 16	9
715.	"	9	52	16	17	.....	.....	.....	.....	17	106	1 08	9
	Total	2983	17622	15859	19710	.....	.....	.....	.....	19710	52864	191 05	145 34
716.	Laborer (boy)	26	154	161	161	.....	.....	.....	.....	161	323	1 00	8
717.	" "	26	154	155	155	.....	.....	.....	.....	155	311	1 00	8
718.	" "	26	154	138	138	.....	.....	.....	.....	138	273	1 00	7
719.	" "	16	94	84	84	.....	.....	.....	.....	84	273	1 00	7
720.	" "	8	47	42	42	.....	.....	.....	.....	42	270	1 00	7
721.	" "	17	100	83	83	.....	.....	.....	.....	83	256	1 00	7
722.	" "	14	72	69	69	.....	.....	.....	.....	69	257	1 00	7

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
723.	Laborer (boy)	15	90	72	$72	.....	.....	.....	.....	$72	$251	$1 00	69
724.	" "	13	78	73	58	.....	.....	.....	.....	58	234	80	64
725.	" "	12	72	72	54	.....	.....	.....	.....	54	236	75	64
726.	" "	8	46	45	34	.....	.....	.....	.....	34	223	74	61
727.	" "	26	154	159	111	.....	.....	.....	.....	111	223	70	61
728.	" "	26	154	147	111	.....	.....	.....	.....	111	221	75	60
729.	" "	26	154	147	108	.....	.....	.....	.....	108	216	73	59
730.	" "	26	154	150	100	.....	.....	.....	.....	100	199	66	54
731.	" "	7	42	45	26	.....	.....	.....	.....	26	177	60	52
732.	" "	8	46	46	28	.....	.....	.....	.....	28	180	60	49
733.	" "	26	154	141	81	.....	.....	.....	.....	81	162	57	44
734.	" "	13	78	80	40	.....	.....	.....	.....	40	160	50	44
735.	" "	8	46	49	25	.....	.....	.....	.....	25	161	50	44
736.	" "	7	41	21	21	.....	.....	.....	.....	21	214	1 00	42
737.	" "	4	23	23	12	.....	.....	.....	.....	12	152	50	41
738.	" "	26	154	142	74	.....	.....	.....	.....	74	148	51	40
739.	" "	16	96	87	45	.....	.....	.....	.....	45	146	51	40
740.	" "	8	46	45	23	.....	.....	.....	.....	23	147	50	40
741.	" "	26	154	119	72	.....	.....	.....	.....	72	144	60	39
742.	" "	4	23	22	11	.....	.....	.....	.....	11	144	50	39
743.	" "	26	154	140	71	.....	.....	.....	.....	71	142	50	39
744.	" "	11	64	67	30	.....	.....	.....	.....	30	142	45	39
745.	" "	11	64	61	28	.....	.....	.....	.....	28	130	45	35
746.	" "	26	154	124	62	.....	.....	.....	.....	62	124	50	34
747.	" "	26	154	143	62	.....	.....	.....	.....	62	124	43	34
748.	" "	12	70	69	27	.....	.....	.....	.....	27	118	39	32
749.	" "	4	23	22	9	.....	.....	.....	.....	9	112	39	30
	Totals	554	3263	3041	2127	.....	.....	.....	.....	2127	6593	32 73	17 85
750.	Laborer	17	102	24	31	.....	$139	.....	.....	170	521	1 76	1 43
751.	"	12	72	14	19	.....	90	.....	.....	109	473	1 51	1 29
752.	"	26	154	55	72	.....	153	.....	.....	224	449	1 45	1 23
753.	"	21	125	25	38	.....	143	.....	.....	181	448	1 44	1 23
754.	"	12	72	43	6	.....	97	.....	.....	103	447	1 43	1 22
755.	"	26	154	46	59	.....	157	.....	.....	216	432	1 40	1 18
756.	"	26	154	40	61	.....	152	.....	.....	213	427	1 38	1 17
757.	"	20	118	78	102	.....	61	.....	.....	164	425	1 38	1 17
758.	"	26	154	42	53	.....	158	.....	.....	211	423	1 37	1 16
759.	"	26	154	87	114	.....	97	.....	.....	211	422	1 37	1 16
760.	"	26	154	41	52	.....	156	.....	.....	208	416	1 35	1 14
761.	"	26	154	37	48	.....	160	.....	.....	208	415	1 34	1 14
762.	"	26	154	41	51	.....	157	.....	.....	208	415	1 34	1 13
763.	"	26	154	41	51	.....	155	.....	.....	206	412	1 33	1 13
764.	"	26	154	37	47	.....	156	.....	.....	203	406	1 31	1 11
765.	"	26	154	37	48	.....	154	.....	.....	202	404	1 31	1 10
766.	"	26	154	37	47	.....	152	.....	.....	200	399	1 29	1 09
767.	"	26	154	130	182	.....	16	.....	.....	197	395	1 28	1 08
768.	"	26	154	26	33	.....	160	.....	.....	192	396	1 24	1 05
769.	"	16	94	72	90	.....	26	.....	.....	117	380	1 24	1 04
770.	"	26	154	150	178	.....	10	.....	.....	188	376	1 22	1 03
771.	"	26	154	125	134	.....	51	.....	.....	184	368	1 19	1 01
772.	"	4	23	21	26	.....	2	.....	.....	28	367	1 22	1 00
773.	"	17	100	82	114	.....	5	.....	.....	119	364	1 19	1 00
774.	"	26	154	141	182	.....	1	.....	.....	183	367	1 19	1 00
775.	"	26	154	130	160	.....	20	.....	.....	180	360	1 16	99
776.	"	26	154	143	179	.....	½	.....	.....	180	359	1 16	98
777.	"	8	46	26	32	.....	22	.....	.....	54	350	1 14	96
778.	"	26	154	133	160	.....	15	.....	.....	175	350	1 13	96
779.	"	20	119	101	122	.....	11	.....	.....	134	347	1 12	95
780.	"	20	119	112	126	.....	8	.....	.....	134	347	1 12	95
781.	"	12	70	61	76	.....	3	.....	.....	79	343	1 12	94
782.	"	12	70	28	36	.....	43	.....	.....	78	339	1 11	93
783.	"	8	48	44	49	.....	3	.....	.....	52	338	1 08	92
784.	"	8	46	25	32	.....	16	.....	.....	48	312	1 04	85
	Totals	727	4304	2270	2810	.....	2749	.....	.....	5559	13791	4471	3772
785	Laborer (boy)	26	154	137	144	.....	9	.....	.....	153	306	99	84
786.	" "	26	154	78	79	.....	70	.....	.....	149	298	96	81
787.	" "	26	154	136	136	.....	10	.....	.....	146	292	94	80
788.	" "	26	154	136	136	.....	8	.....	.....	145	289	93	78
789.	" "	8	46	23	29	.....	15	.....	.....	44	289	96	77
790.	" "	21	124	85	99	.....	6	.....	.....	104	258	84	71

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TABLE OF WORK AND WAGES—Continued.

No. of employe...	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	No. pieces made in period	Amount received for pieces made	No. pieces made in period	Amount received for pieces made	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
791.	Laborer (boy)	12	74	46	$51	.....	$5	.....	.....	$56	$242	$ 75	$ 65
792.	"	4	23	5	5	.....	10	.....	.....	15	197	66	54
793.	"	8	46	42	19	.....	3	.....	.....	22	142	47	39
794.	"	12	70	59	30	.....	2	.....	.....	32	136	44	37
795.	"	16	94	50	20	.....	17	.....	.....	37	122	40	33
	Totals	185	1093	797	748	.....	155	.....	.....	903	2571	834	699
796.	Pattern-maker (F)	17	100	100	400	.....	.....	.....	.....	400	1225	4 00	3 36
797.	" "	26	154	153	459	.....	.....	.....	.....	459	918	3 00	2 52
	Totals	43	254	253	859	.....	.....	.....	.....	859	2143	7 00	5 88
798.	Pattern-maker	26	154	154	270	.....	.....	.....	.....	270	540	1 75	1 48
799.	"	26	154	96	183	.....	.....	.....	.....	183	366	1 90	1 00
	Totals	52	308	250	453	.....	.....	.....	.....	453	906	3 65	2 48
800.	Pattern-maker (boy)	26	154	133	101	.....	.....	.....	.....	101	202	75	55
801.	" "	15	90	86	30	.....	.....	.....	.....	30	105	35	28
	Totals	41	244	219	131	.....	.....	.....	.....	131	307	1 10	83
802.	Truck builder	16	96	11	16	.....	133	.....	.....	148	482	1 54	1 32
803.	"	26	154	21	30	.....	190	.....	.....	220	440	1 40	1 20
804.	"	26	154	24	34	.....	180	.....	.....	214	429	1 39	1 17
805.	"	21	125	79	111	.....	57	.....	.....	168	415	1 34	1 14
806.	"	26	154	22	30	.....	175	.....	.....	205	411	1 33	1 12
807.	"	8	46	12	17	.....	44	.....	.....	62	399	1 33	1 09
808.	"	8	46	32	44	.....	6	.....	.....	50	317	1 09	90
	Totals	131	775	201	282	.....	785	.....	.....	1067	2893	9 42	7 94

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TABLE SHOWING DAILY NET WAGES OF 962 EMPLOYES IN ST. LOUIS BREWERIES,

Classified from $8 to 25 cents.

Number of employes receiving a daily net income of

Occupation.	Over $8.00	Under $8.00 and over $7.50	Under $7.50 and over $7.00	Under $7.00 and over $6.50	Under $6.50 and over $6.00	Under $6.00 and over $5.50	Under $5.50 and over $5.00	Under $5.00 and over $4.50	Under $4.50 and over $4.00	Under $4.00 and over $3.50	Under $3.50 and over $3.00	Under $3.00 and over $2.50	Under $2.50 and over $2.00	Under $2.00 and over $1.50	Under $1.50 and over $1.00	Under $1.00 and over 25 cents	Under 25 cents	Total
Foremen	1					1	1	2	1	2	4	6	2	1				21
Watchmen												1	2	16				19
Carpenters													7	24	22	4		57
Pipe coverers														10	4			14
Wash house men													25	39	89	10		163
Boys														10	6	200		216
Paint shop men													3	21	6			30
Plasterers													5	2				7
Pipe fitters												4						4
Maltsters										1	1	2	18	6				28
Drivers											2	6	6	28	1			43
Brewers											1	2	49	19				71
Bottling department										1			14	13	56	6		90
Tinners														9		1		10
Helpers															5	1		6
Horse shoer												1						1
Wagon-makers													4					4
Wagon trimmer															1			1
Engineers											1	1						2
Firemen													9	1				10
Greasers														2				2
Bricklayers												2	1	3				6
Coopers												1		2				3
Saddlers												1	1					2
Stablemen													1	1				2
Laborers														11	122	7		140
Millwright												1						1
Clerk												1						1
Machinist												1						1
Electrician												1						1
Miller													1					1
Time-keeper													1					1
Porter													1					1
E. paver													1					1
Blacksmiths													2					2
Totals	1					1	1	2	1	4	9	31	153	218	312	229		962

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Table of Work and Wages of 962 Employes in St. Louis Breweries.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each day worked	Average daily net income
1.	Foreman cellar	26	154	154	$827	$827	$1,655	$5 37	$4 56
2.	" fermenting cellar	26	154	154	804	804	1,609	5 22	4 42
3.	" branch cellar	26	154	154	650	650	1,300	4 22	3 51
4.	" asst. cellar	26	154	154	461	461	922	3 00	2 53
5.	" excavations	26	154	154	455	455	910	2 96	2 50
6.	" yard	26	154	154	455	455	910	2 96	2 50
7.	" elevator	26	154	154	415	415	831	2 69	2 29
8.	" ice-house	26	154	154	390	390	780	2 53	2 14
9.	" yard	26	154	154	355	355	709	2 30	1 94
	Totals	234	.....	1386	4812	4812	.....	31 25	26 42
10.	Watchman	26	154	154	487	487	975	3 16	2 67
11.	"	26	154	154	422	422	845	2 74	2 32
12.	"	23	161	193	330	330	746	1 70	2 05
13.	"	26	154	154	340	340	680	2 20	1 86
14.	"	3	21	25	38	38	655	1 50	1 80
15.	"	4	28	34	50	50	655	1 50	1 80
16.	"	23	161	190	285	285	644	1 50	1 76
17.	"	23	161	191	286	286	647	1 50	1 77
18.	"	23	161	190	286	286	646	1 50	1 77
19.	"	23	161	190	284	284	643	1 50	1 76
20.	"	23	161	190	285	285	643	1 50	1 76
21.	"	23	161	188	283	283	639	1 50	1 75
22.	"	20	140	164	247	247	641	1 50	1 75
23.	"	23	161	188	282	282	638	1 50	1 75
24.	"	21	147	167	251	251	620	1 50	1 70
25.	"	23	161	182	273	273	616	1 50	1 69
26.	"	26	154	154	292	292	583	1 89	1 60
27.	"	23	161	173	259	259	585	1 50	1 61
28.	"	22	154	164	246	246	581	1 50	1 59
	Totals	404	.....	3 045	5 226	5 226	.....	32 69	34 76
29.	Carpenter (foreman)	26	154	154	461	461	922	3 00	2 53
30	"	26	154	154	436	436	873	2 83	2 39
31.	"	24	141	137	356	356	771	2 57	2 11
32	"	10	60	59	146	146	757	2 47	2 08
33	"	26	154	158	376	376	753	2 38	2 06
34	"	26	154	154	368	368	735	2 38	2 02
35.	"	6	36	38	85	85	737	2 25	2 02
36.	"	11	66	64	155	155	733	2 42	2 01
37.	"	11	66	61	150	150	709	2 45	1 95
38.	"	15	90	86	205	205	709	2 38	1 94
39	"	11	66	61	149	149	704	2 44	1 93
40.	"	23	136	123	308	308	695	2 50	1 91
41.	"	4	24	23	53	53	632	2 31	1 90
42.	"	4	24	23	58	58	687	2 25	1 89
43.	"	18	105	106	239	239	589	2 25	1 89
44.	"	16	93	93	211	211	684	2 25	1 87
45.	"	10	60	55	129	129	671	2 35	1 84
46.	"	13	77	69	159	159	634	2 29	1 74
47.	"	26	153	135	316	316	633	2 34	1 73
48.	"	9	53	47	109	109	629	2 31	1 73
49.	"	7	42	36	83	83	616	2 30	1 69
50.	"	4	23	21	47	47	615	2 25	1 69
51.	"	7	40	36	80	80	596	2 25	1 63
52.	"	20	118	95	225	225	596	2 37	1 63
53.	"	18	105	90	203	203	586	2 25	1 61
54.	"	13	75	65	146	146	585	2 25	1 60
55.	"	17	99	84	190	190	780	2 25	1 59
56	"	3	18	15	33	33	518	2 25	1 59
57.	"	16	95	73	175	175	568	2 40	1 56
58.	"	16	95	76	183	183	595	2 41	1 55
59.	"	26	153	121	284	284	568	2 34	1 53
60.	"	3	18	14	31	31	546	2 25	1 50
61.	"	10	60	43	103	103	534	2 33	1 46
62.	"	13	75	55	124	124	496	2 25	1 38
63	"	16	95	63	151	151	492	2 40	1 35
64.	"	19	113	66	172	172	471	2 60	1 29
65.	"	16	95	59	142	142	463	2 41	1 27
66.	"	17	99	66	149	149	455	2 25	1 25
67.	"	8	48	31	70	70	458	2 25	1 25
68.	"	26	153	152	229	229	457	1 50	1 25

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each day worked	Average daily net income
69.	Carpenter	21	123	75	$177	$177	$438	$2 36	$1 24
70.	"	10	60	56	84	84	439	1 50	1 20
71.	"	11	66	40	90	90	423	2 25	1 16
72.	"	11	66	59	89	89	419	1 50	1 15
73.	"	9	53	47	71	71	411	1 50	1 13
74.	"	10	60	52	79	79	405	1 50	1 11
75.	"	15	90	83	125	125	433	1 50	1 09
76.	"	26	153	133	199	199	399	1 50	1 09
77.	"	6	34	30	45	45	393	1 50	1 07
78.	"	26	153	130	195	195	389	1 50	1 06
79.	"	5	30	24	36	36	379	1 50	1 04
80.	"	11	66	53	80	80	376	1 50	1 03
81.	"	23	135	109	163	163	368	1 50	1 01
82.	"	26	153	122	183	183	365	1 50	1 00
83.	"	9	56	41	62	62	358	1 50	98
84.	"	6	35	27	41	41	352	1 50	97
85.	"	4	24	17	25	25	328	1 50	90
86.	"	7	42	29	43	43	318	1 50	87
	Totals	336	.....	4198	9071	9071	.....	102 59	88 29
87.	Pipe coverers	17	102	104	234	234	716	2 25	1 96
88.	"	9	54	52	116	116	671	2 21	1 84
89.	"	11	69	69	137	137	649	2 00	1 78
90.	"	5	29	27	58	58	599	2 12	1 64
91.	"	3	18	17	34	34	589	2 10	1 62
92.	"	21	126	104	234	234	579	2 25	1 59
93.	"	5	27	27	54	54	364	2 00	1 54
94.	"	23	137	139	248	248	561	1 78	1 53
95.	"	22	131	122	235	235	556	1 92	1 52
96.	"	20	119	116	211	211	548	1 81	1 50
97.	"	3	18	15	31	31	538	2 10	1 48
98.	"	23	137	110	221	221	499	2 00	1 37
99.	"	23	137	110	221	221	499	2 00	1 37
100.	"	23	137	112	220	220	497	1 98	1 35
	Totals	208	.....	1124	2254	2254	.....	28 42	22 09
101.	Wash-house (foreman)	26	154	154	617	617	1235	4 00	3 39
102.	"	4	23	23	65	65	845	2 82	2 32
103.	"	18	106	106	292	292	845	2 76	2 32
104.	"	12	72	72	195	195	845	2 70	2 32
105.	"	12	72	72	195	195	845	2 70	2 32
106.	"	20	118	118	323	323	841	2 74	2 31
107.	"	20	118	118	324	324	841	2 74	2 31
108.	"	26	154	154	422	422	843	2 73	2 31
109.	"	26	154	154	413	413	826	2 68	2 26
110.	"	26	154	154	410	410	820	2 66	2 25
111.	"	26	154	154	411	411	822	2 66	2 25
112.	"	24	142	142	378	378	818	2 66	2 24
113.	"	24	142	142	378	378	818	2 66	2 24
114.	"	26	154	154	408	408	815	2 64	2 22
115.	"	26	154	154	405	405	810	2 62	2 22
116.	"	26	154	154	398	398	796	2 58	2 18
117.	"	26	154	154	392	392	784	2 54	2 15
118.	"	26	154	154	391	391	782	2 54	2 14
119.	"	26	154	154	390	390	780	2 53	2 14
120.	"	26	154	154	388	388	776	2 54	2 13
121.	"	26	154	154	389	389	778	2 52	2 13
122.	"	12	72	72	179	179	776	2 49	2 13
123.	"	20	118	118	309	309	803	2 60	2 10
124.	"	26	154	154	381	381	762	2 47	2 09
125.	"	26	154	154	380	380	760	2 46	2 08
126.	"	26	154	154	377	377	754	2 45	2 07
127.	"	26	154	154	263	263	727	2 36	1 99
128.	"	26	154	154	259	259	720	2 33	1 97
129.	"	14	82	82	192	192	715	2 34	1 96
130.	"	10	60	60	137	137	715	2 29	1 96
131.	"	12	72	72	165	165	715	2 29	1 96
132.	"	26	154	154	354	354	708	2 29	1 94
133.	"	26	154	154	354	354	708	2 29	1 94
134.	"	12	72	72	163	163	707	2 26	1 94
135.	"	26	154	154	250	250	700	2 27	1 92
136.	"	12	72	72	161	161	699	2 24	1 92

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TABLE OF WORK AND WAGES—Continued.

No. of employe..	Occupation.	Period considered—weeks.....	No. working days in period.....	No. days of day work in period..	Amount received for days' work..	Total net wages rec'd in period..	Net wages rec'd in one year (est).	Average wages received for each day worked....	Average daily net income.....
137.	Wash-house.....	12	72	72	$160	$160	$695	$2 22	$1 51
138.	"	26	154	154	346	346	698	2 23	1 [illegible]
139.	"	26	154	154	345	345	689	2 23	1 [illegible]
140.	"	8	48	48	106	106	691	2 21	1 [illegible]
141.	"	10	60	60	132	132	688	2 20	1 [illegible]
142.	"	26	154	154	341	341	682	2 21	1 [illegible]
143.	"	26	154	154	337	337	675	2 19	1 [illegible]
144.	"	26	154	154	334	334	667	2 16	1 [illegible]
145.	"	26	154	154	332	332	664	2 15	1 [illegible]
146.	"	26	154	154	331	331	662	2 15	1 [illegible]
147.	"	26	154	154	330	330	660	2 14	1 [illegible]
148.	"	24	142	142	301	301	652	2 12	1 [illegible]
149.	"	26	154	154	325	325	650	2 11	1 [illegible]
150.	"	24	142	142	299	299	647	2 10	1 [illegible]
151.	"	26	154	154	325	325	650	2 10	1 [illegible]
152.	"	24	143	143	299	299	648	2 09	1 [illegible]
153.	"	26	154	154	323	323	646	2 09	1 [illegible]
154.	"	26	154	154	323	323	647	2 09	1 [illegible]
155.	"	8	46	46	99	99	643	2 15	1 [illegible]
156.	"	26	154	154	320	320	640	2 07	1 76
157.	"	26	154	154	312	312	673	2 02	1 71
158.	"	26	154	154	311	311	622	2 01	1 70
159.	"	26	154	154	307	307	615	1 99	1 69
160.	"	14	84	84	165	165	613	1 96	1 68
161.	"	4	23	23	47	47	607	2 03	1 67
162.	"	26	154	154	305	305	610	1 98	1 67
163.	"	22	130	130	257	257	607	1 97	1 66
164	"	20	120	120	231	231	600	1 75	1 63
165.	"	14	84	84	159	159	591	1 75	1 62
166.	"	18	106	106	188	188	543	1 77	1 49
167.	"	16	95	95	166	166	541	1 75	1 48
168.	"	14	84	84	141	141	524	1 65	1 44
169.	"	14	84	84	141	141	522	1 65	1 43
170.	"	18	106	106	179	179	516	1 68	1 41
171.	"	14	84	84	132	132	491	1 50	1 35
172.	"	8	46	46	75	75	489	1 63	1 34
173.	"	26	154	154	245	245	491	1 59	1 34
174.	"	14	84	87	131	131	486	1 50	1 33
175.	"	14	84	87	130	130	488	1 50	1 32
176.	"	14	84	86	129	129	478	1 50	1 31
177.	"	14	84	79	126	126	469	1 60	1 29
178.	"	14	84	93	125	125	465	1 35	1 27
179.	"	14	84	82	123	123	456	1 50	1 25
180.	"	4	24	23	35	35	456	1 25	1 25
181.	"	14	84	88	119	119	443	1 35	1 22
182.	"	3	18	20	26	26	445	1 25	1 22
183.	"	10	58	58	84	84	439	1 45	1 20
184.	"	14	84	88	119	119	440	1 35	1 20
185.	"	14	84	87	117	117	436	1 35	1 19
186.	"	14	84	87	117	117	436	1 35	1 19
187	"	14	84	87	117	117	436	1 35	1 19
188.	"	14	84	87	117	117	435	1 35	1 19
189.	"	26	154	154	215	215	429	1 39	1 18
190.	"	6	36	40	50	50	431	1 25	1 18
191.	"	6	36	40	50	50	431	1 25	1 18
192.	"	14	84	77	116	116	429	1 50	1 17
193.	"	10	58	58	83	83	429	1 43	1 17
194.	"	26	154	154	214	214	427	1 38	1 17
195.	"	14	84	84	115	115	428	1 37	1 16
196.	"	12	72	71	98	98	424	1 37	1 16
197.	"	5	30	32	41	41	423	1 25	1 15
198.	"	13	78	78	105	105	421	1 35	1 15
199.	"	4	24	26	32	32	419	1 25	1 14
200.	"	5	30	32	40	40	417	1 25	1 14
201.	"	7	42	45	56	56	418	1 25	1 13
202.	"	7	42	44	55	55	411	1 25	1 13
203.	"	5	30	32	40	40	413	1 25	1 12
204.	"	11	66	69	87	87	409	1 25	1 11
205.	"	14	84	87	109	109	405	1 25	1 11
206.	"	14	84	87	109	109	405	1 25	1 11
207.	"	7	42	44	55	55	407	1 25	1 11
208	"	12	72	75	94	94	405	1 25	1 11
209.	"	14	84	87	109	109	405	1 25	1 11
210.	"	14	84	87	109	109	405	1 25	1 11
211.	"	14	84	87	109	109	405	1 25	1 11

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
212.	Wash-house	41	84	87	$109	$109	$405	$1 25	$1 11
213.	"	14	84	87	109	109	405	1 25	1 11
214.	"	14	84	87	109	109	404	1 25	1 11
215.	"	14	84	87	109	109	404	1 25	1 11
216.	"	14	84	87	108	108	403	1 25	1 10
217.	"	14	84	87	109	109	403	1 25	1 10
218.	"	14	84	87	108	108	402	1 25	1 10
219.	"	14	84	87	109	109	403	1 25	1 10
220	"	14	84	87	109	109	403	1 25	1 10
221.	"	14	84	86	108	108	402	1 25	1 10
222.	"	14	81	86	108	108	400	1 25	1 10
223	"	26	154	154	200	200	400	1 29	1 09
224.	"	14	84	86	107	107	398	1 25	1 09
225	"	14	84	86	107	107	398	1 25	1 09
226	"	14	84	85	107	107	397	1 25	1 09
227.	"	14	84	85	106	106	395	1 25	1 09
228.	"	14	84	85	107	107	397	1 25	1 09
229	"	14	84	86	107	107	398	1 25	1 09
230.	"	14	84	78	106	106	398	1 25	1 08
231.	"	13	78	79	99	99	397	1 25	1 08
232.	"	13	78	78	98	98	393	1 25	1 08
233	"	13	78	79	99	99	395	1 25	1 08
234.	"	14	84	78	105	105	390	1 25	1 07
235	"	14	84	84	105	105	391	1 25	1 07
236	"	12	72	72	90	90	392	1 25	1 07
237.	"	14	84	84	106	106	392	1 25	1 07
238	"	14	84	84	105	105	394	1 25	1 06
239	"	10	60	60	75	75	388	1 25	1 06
240	"	6	36	35	44	44	385	1 25	1 05
241.	"	8	48	47	59	59	437	1 25	1 05
242.	"	5	30	29	37	37	384	1 25	1 05
243	"	14	84	87	103	103	383	1 25	1 05
244	"	14	84	82	103	103	381	1 25	1 04
245	"	10	60	58	73	73	380	1 25	1 04
246	"	10	60	58	73	73	380	1 25	1 04
247.	"	6	36	35	44	44	380	1 25	1 04
248	"	14	84	81	102	102	377	1 25	1 03
249	"	13	78	75	94	94	375	1 25	1 03
250	"	14	84	81	101	101	374	1 25	1 02
251.	"	14	84	80	100	100	372	1 25	1 02
252	"	5	30	28	35	35	367	1 25	1 00
253.	"	8	48	45	56	56	364	1 25	1 00
254	"	10	60	56	70	70	364	1 25	1 00
255	"	14	84	78	98	98	363	1 25	99
256	"	14	84	78	98	98	362	1 25	99
257	"	9	54	46	62	62	357	1 25	98
258	"	14	84	77	96	96	356	1 25	98
259	"	14	84	74	92	92	343	1 25	94
260	"	10	60	53	66	66	343	1 25	94
261	"	6	36	31	39	39	339	1 25	93
262	"	14	84	76	90	90	336	1 25	92
263	"	14	84	69	86	86	319	1 25	87
264	"	6	36	27	33	33	290	1 25	79
	Totals	2609	.....	12464	28569	28569	.....	283 42	241 15
265.	Wash house (boy)	3	18	21	21	21	364	1 00	1 00
266.	" "	3	18	20	20	20	352	1 00	94
267	" "	5	30	32	32	32	335	1 00	92
268	" "	4	24	26	26	26	334	1 00	92
269	" "	14	84	88	88	88	329	1 00	90
270	" "	4	25	25	25	25	325	1 00	89
271	" "	14	84	87	87	87	324	1 00	89
272	" "	14	84	87	87	87	324	1 00	89
273	" "	10	60	63	63	63	326	1 00	89
274	" "	14	84	87	87	87	324	1 00	89
275.	" "	14	84	87	87	87	324	1 00	89
276	" "	14	84	86	86	86	320	1 00	88
277	" "	14	84	85	85	85	317	1 00	87
278	" "	14	84	85	85	85	316	1 00	87
279.	" "	13	78	79	79	79	318	1 00	87
280	" "	9	54	54	54	54	310	1 00	85
281.	" "	10	60	59	59	59	308	1 00	84
282.	" "	14	84	83	83	83	308	1 00	84
283.	" "	14	84	81	81	81	302	1 00	82

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
284.	Wash house (boy)	13	78	75	$75	$75	$300	$1 00	[illegible]
285.	" "	4	24	23	23	23	296	1 00	[illegible]
286.	" "	14	84	80	80	80	298	1 00	[illegible]
287.	" "	12	72	68	68	68	296	1 00	[illegible]
288.	" "	14	84	79	79	79	292	1 00	[illegible]
289	" "	14	84	79	79	79	294	1 00	[illegible]
290	" "	8	48	45	45	45	294	1 00	[illegible]
291.	" "	4	24	21	21	21	276	1 00	[illegible]
292.	" "	5	30	27	27	27	286	1 00	[illegible]
293.	" "	9	54	49	49	49	283	1 00	[illegible]
294.	" "	13	78	69	69	69	278	1 00	[illegible]
295.	" "	10	60	54	54	54	279	1 00	[illegible]
296.	" "	13	78	56	56	56	223	1 00	[illegible]
297.	" "	12	72	72	33	33	141	45	[illegible]
298.	" "	13	78	73	33	33	131	46	[illegible]
299.	" "	14	84	80	36	36	133	44	[illegible]
300.	" "	13	78	74	33	33	131	44	[illegible]
301.	" "	5	30	30	12	12	129	42	[illegible]
	Totals	218	.....	218	1036	1036	.....	1721	[illegible]
302.	Plasterer	3	17	20	51	51	888	2 50	[illegible]
303.	"	3	17	18	45	45	780	2 50	[illegible]
304.	"	23	137	133	334	334	755	2 50	[illegible]
305	"	12	72	68	171	171	737	2 50	[illegible]
306.	"	23	137	130	325	325	734	2 50	[illegible]
307	"	13	78	72	181	181	723	2 50	[illegible]
308.	"	4	23	22	54	54	702	2 50	[illegible]
	Totals	81	.....	463	1161	1161	.....	17 50	[illegible]
309.	Pipe-fitter	16	95	96	312	312	1014	3 25	[illegible]
310	"	19	114	100	365	365	1000	3 65	[illegible]
311	"	9	53	52	170	170	980	3 25	[illegible]
312	"	22	131	128	410	410	968	3 19	[illegible]
	Totals	66	.....	376	1257	1257	.....	13 34	[illegible]
313	Paint shop (foreman)	10	58	58	233	233	1209	4 00	[illegible]
314	" "	16	96	98	340	340	1105	3 54	[illegible]
315.	" "	26	153	137	549	549	1098	4 00	[illegible]
316.	"	26	153	140	420	420	839	3 00	[illegible]
317.	"	12	72	73	182	182	790	2 50	[illegible]
318.	"	13	75	73	187	187	747	2 50	[illegible]
319.	"	14	81	70	192	192	712	2 75	[illegible]
320.	"	11	66	65	146	146	691	2 25	[illegible]
321.	"	10	60	59	133	133	690	2 25	[illegible]
322.	"	8	48	46	104	104	679	2 25	[illegible]
323.	"	26	153	150	337	337	675	2 25	[illegible]
324.	"	16	98	92	207	207	674	2 25	[illegible]
325.	"	4	24	23	52	52	672	2 25	[illegible]
326.	"	20	139	113	255	255	662	2 25	[illegible]
327.	"	7	42	39	88	88	657	2 25	[illegible]
328	"	19	111	106	239	239	653	2 25	[illegible]
329.	"	26	153	144	325	325	649	2 25	[illegible]
330.	"	26	153	144	324	324	648	2 25	[illegible]
331.	"	26	153	144	324	324	648	2 25	[illegible]
332.	"	26	153	146	316	316	631	2 16	[illegible]
333.	"	6	34	32	71	71	619	2 25	[illegible]
334	"	5	29	26	59	59	614	2 25	[illegible]
335.	"	15	87	79	177	177	615	2 25	[illegible]
336	"	26	153	132	297	297	593	2 25	[illegible]
337.	"	8	46	40	90	90	584	2 25	[illegible]
338.	"	5	29	25	56	56	583	2 25	[illegible]
339	"	14	80	74	167	167	618	2 25	[illegible]
340.	"	8	48	48	84	84	543	1 75	[illegible]
341.	"	26	153	143	266	266	532	1 85	[illegible]
342.	"	26	153	118	266	266	532	2 25	[illegible]
343.	"	26	153	143	265	265	531	1 84	[illegible]
344.	"	8	47	33	74	74	483	2 25	[illegible]
345.	"	26	153	150	224	234	468	1 56	[illegible]
	Totals	441	.....	2961	7059	7059	.....	78 80	61 42

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—weeks	No working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
346.	Painter (boy)	23	135	129	$129	$129	$292	$1 00	80
347.	"	26	153	150	141	141	282	94	77
348.	"	4	24	24	16	16	208	66	57
349	"	5	30	30	20	20	208	66	57
	Totals	58	.....	333	306	306	.....	326	$2 71
350	Tinner	3	17	23	40	40	692	1 75	1 90
351.	"	23	137	155	271	271	614	1 75	1 68
352	"	23	137	155	270	270	612	1 74	1 68
353.	"	7	41	46	80	80	594	1 75	1 63
354.	"	26	153	164	292	292	563	1 77	1 60
355	"	26	153	162	284	284	567	1 75	1 55
356	"	23	137	142	249	249	563	1 75	1 54
357.	"	20	117	123	215	215	559	1 75	1 54
358.	"	26	153	158	274	274	548	1 75	1 50
359.	"	8	47	28	46	46	302	1 75	83
	Totals	185	.....	1156	2021	2021	.....	17 51	15 45
360.	Blacksmith (foreman)	26	153	161	523	523	1045	3 25	2 87
361.	" "	26	154	154	455	455	915	2 95	2 50
362.	"	26	153	156	400	400	801	2 56	2 20
363.	"	26	153	156	391	391	782	2 50	2 15
	Totals	104	....	627	1769	1769	.....	11 26	9 72
364	Helper	19	111	115	192	192	526	1 67	1 44
365	"	19	111	113	183	183	500	1 61	1 37
366	"	17	101	107	160	160	490	1 50	1 34
367	"	26	153	151	242	242	484	1 59	1 32
368	"	26	153	156	233	233	466	1 49	1 28
369	"	26	153	142	101	101	201	70	55
	Totals	133	.....	784	1111	1111	.....	8 56	7 30
370	Horse-shoer	26	153	157	510	510	1020	3 25	2 60
371	Wagon-maker	26	153	168	419	419	838	2 50	2 30
372.	"	4	24	25	62	62	812	2 50	2 23
373	"	10	58	53	146	146	759	2 75	2 08
374	"	26	153	167	377	377	754	2 75	2 07
	Totals	66	.....	413	1004	1004	.....	10 50	8 68
375	Wagon trimmer	26	153	153	219	219	439	1 43	1 20
376.	Engineer (foreman)	26	154	154	877	877	1755	5 70	4 82
377.	"	26	154	154	630	630	1260	4 09	3 46
378.	"	26	154	154	507	507	1015	3 31	2 78
	Totals	52	.....	308	1137	1137	.....	7 40	6 24
379	Fireman	26	154	154	437	437	875	2 84	2 40
380.	"	29	154	154	402	402	805	2 61	2 21
381	"	26	154	154	395	395	790	2 58	2 17
382.	"	26	154	154	393	393	786	2 55	2 16
383.	"	26	154	154	393	393	786	2 55	2 15
384	"	26	154	154	387	387	774	2 51	2 12
385.	"	22	131	131	324	324	765	2 47	2 10
386.	"	26	154	154	381	381	762	2 47	2 09
387	"	26	154	154	372	372	745	2 41	2 04
388.	"	6	35	47	82	82	710	1 75	1 95
		236	.....	1410	3566	3566	.....	24 74	21 39
389.	Greaser (foreman)	26	154	154	975	975	1950	6 33	5 35
390.	"	26	154	154	325	325	650	2 12	1 78
391.	"	26	154	154	320	320	640	2 08	1 75
	Totals	52	.....	308	645	645	.....	4 20	3 58

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—Weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily [illegible]
284.	Wash house (boy)	13	78	75	$75	$75	$300	$1 00	[illegible]
285.	" "	4	24	23	23	23	296	1 00	[illegible]
286.	" "	14	84	80	80	80	298	1 00	[illegible]
287.	" "	12	72	68	68	68	296	1 00	[illegible]
288.	" "	14	84	79	79	79	292	1 00	[illegible]
289	" "	14	84	79	79	79	294	1 00	[illegible]
290	" "	8	48	45	45	45	294	1 00	[illegible]
291.	" "	4	24	21	21	21	276	1 00	[illegible]
292.	" "	5	30	27	27	27	286	1 00	[illegible]
293.	" "	9	54	49	49	49	283	1 00	[illegible]
294.	" "	13	78	69	69	69	278	1 00	[illegible]
295.	" "	10	60	54	54	54	279	1 00	[illegible]
296.	" "	13	78	56	56	56	223	1 00	[illegible]
297.	" "	12	72	72	33	33	141	45	[illegible]
298.	" "	13	78	73	33	33	131	46	[illegible]
299.	" "	14	84	80	36	36	133	44	[illegible]
300.	" "	13	78	74	33	33	131	44	[illegible]
301.	" "	5	30	30	12	12	129	42	[illegible]
	Totals	218	.....	218	1036	1036	.....	1721	[illegible]
302.	Plasterer	3	17	20	51	51	888	2 50	[illegible]
303.	"	3	17	18	45	45	780	2 50	[illegible]
304.	"	23	137	133	334	334	755	2 50	[illegible]
305	"	12	72	68	171	171	737	2 50	[illegible]
306.	"	23	137	130	325	325	734	2 50	[illegible]
307	"	13	78	72	181	181	723	2 50	[illegible]
308.	"	4	23	22	54	54	702	2 50	[illegible]
	Totals	81	.....	463	1161	1161	.....	17 50	[illegible]
309.	Pipe-fitter	16	95	96	312	312	1014	3 26	[illegible]
310	"	19	114	100	365	365	1000	3 65	[illegible]
311	"	9	53	52	170	170	980	3 25	[illegible]
312	"	22	131	128	410	410	968	3 19	[illegible]
	Totals	66	.....	376	1257	1257	.....	13 34	[illegible]
313	Paint shop (foreman)	10	58	58	233	233	1209	4 00	[illegible]
314	" "	16	96	96	340	340	1105	3 54	[illegible]
315.	" "	26	153	137	549	549	1098	4 00	[illegible]
316.	"	26	153	140	420	420	839	3 00	[illegible]
317.	"	12	72	73	182	182	790	2 50	[illegible]
318	"	13	75	73	187	187	747	2 50	[illegible]
319.	"	14	81	70	192	192	712	2 75	[illegible]
320.	"	11	66	65	146	146	691	2 25	[illegible]
321.	"	10	60	59	133	133	690	2 25	[illegible]
322.	"	8	48	46	104	104	679	2 25	[illegible]
323.	"	26	153	150	337	337	675	2 25	[illegible]
324.	"	16	93	92	207	207	674	2 25	[illegible]
325.	"	4	24	23	52	52	672	2 25	[illegible]
326.	"	20	139	113	255	255	662	2 25	[illegible]
327.	"	7	42	39	88	88	657	2 25	[illegible]
328	"	19	111	106	239	239	653	2 25	[illegible]
329.	"	26	153	144	325	325	649	2 25	[illegible]
330.	"	26	153	144	324	324	648	2 25	[illegible]
331.	"	26	153	144	324	324	648	2 25	[illegible]
332.	"	26	153	146	316	316	631	2 16	[illegible]
333.	"	6	34	32	71	71	619	2 25	[illegible]
334	"	5	29	26	59	59	614	2 25	[illegible]
335.	"	15	87	79	177	177	615	2 25	[illegible]
336	"	26	153	132	297	297	593	2 25	[illegible]
337.	"	8	46	40	90	90	584	2 25	[illegible]
338.	"	5	29	25	56	56	583	2 25	[illegible]
339	"	14	80	74	167	167	618	2 25	[illegible]
340.	"	8	48	48	84	84	543	1 75	[illegible]
341.	"	26	153	143	266	266	539	1 85	[illegible]
342	"	26	153	118	266	266	532	2 25	[illegible]
343.	"	26	153	143	265	265	531	1 84	[illegible]
344.	"	8	47	33	74	74	483	2 25	[illegible]
345.	"	26	153	150	234	234	468	1 56	[illegible]
	Totals	441	.....	2961	7059	7059	.....	78 80	61 [illegible]

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TABLE OF WORK AND WAGES—Continued.

No. of employe	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
346.	Painter (boy)	23	135	129	$129	$129	$292	$1 00	80
347.	"	26	153	150	141	141	282	94	77
348.	"	4	24	24	16	16	208	66	57
349	"	5	30	30	20	20	208	66	57
	Totals	58	.....	333	306	306	.....	326	$2 71
350.	Tinner	3	17	23	40	40	692	1 75	1 90
351.	"	23	137	155	271	271	614	1 75	1 68
352	"	23	137	155	270	270	612	1 74	1 68
353.	"	7	41	46	80	80	594	1 75	1 63
354.	"	26	153	164	292	292	583	1 77	1 60
355	"	26	153	162	284	284	567	1 75	1 55
356	"	23	137	142	249	249	563	1 75	1 54
357.	"	20	117	123	215	215	559	1 75	1 54
358.	"	26	153	158	274	274	548	1 75	1 50
359	"	8	47	28	46	46	302	1 75	83
	Totals	185	.....	1156	2021	2021	.....	17 51	15 45
360.	Blacksmith (foreman)	26	153	161	523	523	1045	3 25	2 87
361.	" "	26	154	154	455	455	915	2 95	2 50
362	"	26	153	156	400	400	801	2 56	2 20
363.	"	26	153	156	391	391	782	2 50	2 15
	Totals	104	....	627	1769	1769	.....	11 26	9 72
364	Helper	19	111	115	192	192	526	1 67	1 44
365.	"	19	111	113	183	183	500	1 61	1 37
366.	"	17	101	107	160	160	490	1 50	1 34
367	"	26	153	151	242	242	484	1 59	1 33
368	"	26	153	156	233	233	466	1 49	1 28
369	"	26	153	142	101	101	201	70	55
	Totals	133	.....	784	1111	1111	.....	8 56	7 30
370	Horse-shoer	26	153	157	510	510	1020	3 25	2 80
371	Wagon-maker	26	153	168	419	419	838	2 50	2 30
372.	"	4	24	25	62	62	812	2 50	2 23
373	"	10	58	53	146	146	759	2 75	2 08
374	"	26	153	167	377	377	754	2 75	2 07
	Totals	66	.....	413	1004	1004	.....	10 50	8 68
375	Wagon trimmer	26	153	153	219	219	439	1 43	1 20
376.	Engineer (foreman)	26	154	154	877	877	1755	5 70	4 82
377.	"	26	154	154	630	630	1260	4 09	3 46
378.	"	26	154	154	507	507	1015	3 31	2 78
	Totals	52	.....	308	1137	1137	.....	7 40	6 24
379	Fireman	26	154	154	437	437	875	2 84	2 40
380.	"	29	154	154	402	402	805	2 61	2 21
381	"	26	154	154	395	395	790	2 58	2 17
382.	"	26	154	154	393	393	786	2 55	2 16
383.	"	26	154	154	393	393	786	2 55	2 15
384	"	26	154	154	387	387	774	2 51	2 12
385.	"	22	131	131	324	324	765	2 47	2 10
386.	"	26	154	154	381	381	762	2 47	2 09
387	"	26	154	154	372	372	745	2 41	2 04
388.	"	6	35	47	82	82	710	1 75	1 95
		236	.....	1410	3566	3566	.....	24 74	21 39
389.	Greaser (foreman)	26	154	154	975	975	1950	6 33	5 35
390.	"	26	154	154	325	325	650	2 12	1 78
391.	"	26	154	154	320	320	640	2 08	1 75
	Totals	52	.....	308	645	645	.....	4 20	3 53

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TABLE OF WORK AND WAGES—Continued.

No. of employe..	Occupation.	Period considered—weeks.....	No. working days in period.....	No. days of day work in period..	Amount received for days' work..	Total net wages rec'd in period..	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income .....
284.	Wash house (boy).....	13	78	75	$75	$75	$300	$1 00	$[illegible]
285.	" "	4	24	23	23	23	296	1 00	[illegible]
286.	" "	14	84	80	80	80	298	1 00	[illegible]
287.	" "	12	72	68	68	68	296	1 00	[illegible]
288.	" "	14	84	79	79	79	292	1 00	[illegible]
289	" "	14	84	79	79	79	294	1 00	[illegible]
290	" "	8	48	45	45	45	294	1 00	[illegible]
291.	" "	4	24	21	21	21	276	1 00	[illegible]
292.	" "	5	30	27	27	27	286	1 00	[illegible]
293.	" "	9	54	49	49	49	283	1 00	[illegible]
294.	" "	13	78	69	69	69	278	1 00	[illegible]
295.	" "	10	60	54	54	54	279	1 00	[illegible]
296.	" "	13	78	56	56	56	223	1 00	[illegible]
297.	" "	12	72	72	33	33	141	45	[illegible]
298.	" "	13	78	73	33	33	131	46	[illegible]
299.	" "	14	84	80	36	36	133	44	[illegible]
300.	" "	13	78	74	33	33	131	44	[illegible]
301.	" "	5	30	30	12	12	129	42	[illegible]
	Totals	218	.....	218	1036	1036	.....	1721	[illegible]
302.	Plasterer.....	3	17	20	51	51	888	2 50	[illegible]
303.	"	3	17	18	45	45	780	2 50	[illegible]
304.	"	23	137	133	334	334	755	2 50	[illegible]
305	"	12	72	68	171	171	737	2 50	[illegible]
306.	"	23	137	130	325	325	734	2 50	[illegible]
307	"	13	78	72	181	181	723	2 50	[illegible]
308.	"	4	23	22	54	54	702	2 50	[illegible]
	Totals.....	81	.....	463	1161	1161	.....	17 50	[illegible]
309.	Pipe-fitter.....	16	95	96	312	312	1014	3 25	[illegible]
310	"	19	114	100	365	365	1000	3 65	[illegible]
311.	"	9	53	52	170	170	980	3 25	[illegible]
312	"	22	131	128	410	410	968	3 19	[illegible]
	Totals.....	66	.....	376	1257	1257	.....	13 34	[illegible]
313	Paint shop (foreman).....	10	58	58	233	233	1209	4 00	[illegible]
314	" "	16	96	96	340	340	1105	3 54	[illegible]
315.	" "	26	153	137	549	549	1098	4 00	[illegible]
316.	"	26	153	140	420	420	839	3 00	[illegible]
317.	"	12	72	73	182	182	790	2 50	[illegible]
318.	"	13	75	73	187	187	747	2 50	[illegible]
319.	"	14	81	70	192	192	712	2 75	[illegible]
320.	"	11	66	65	146	146	691	2 25	[illegible]
321.	"	10	60	59	133	133	690	2 25	[illegible]
322.	"	8	48	46	104	104	679	2 25	[illegible]
323.	"	26	153	150	337	337	675	2 25	[illegible]
324.	"	16	93	92	207	207	674	2 25	[illegible]
325.	"	4	24	23	52	52	672	2 25	[illegible]
326.	"	20	139	113	255	255	662	2 25	[illegible]
327.	"	7	42	39	88	88	657	2 25	[illegible]
328	"	19	111	106	239	239	653	2 25	[illegible]
329.	"	26	153	144	325	325	649	2 25	[illegible]
330.	"	26	153	144	324	324	648	2 25	[illegible]
331.	"	26	153	144	324	324	648	2 25	[illegible]
332.	"	26	153	146	316	316	631	2 16	[illegible]
333.	"	6	34	32	71	71	619	2 25	[illegible]
334	"	5	29	26	59	59	614	2 25	[illegible]
335.	"	15	87	79	177	177	615	2 25	[illegible]
336	"	26	153	132	297	297	593	2 25	[illegible]
337.	"	8	46	40	90	90	584	2 25	[illegible]
338.	"	5	29	25	56	56	583	2 25	[illegible]
339	"	14	80	74	167	167	618	2 25	[illegible]
340.	"	8	48	48	84	84	543	1 75	[illegible]
341.	"	26	153	143	266	266	539	1 85	[illegible]
342.	"	26	153	118	266	266	532	2 25	[illegible]
343.	"	26	153	143	265	265	531	1 84	[illegible]
344.	"	8	47	33	74	74	483	2 25	[illegible]
345.	"	26	153	150	224	234	468	1 56	[illegible]
	Totals.....	441	.....	2961	7059	7059	.....	78 80	[illegible]

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks.	No working days in period.	No. days of day work in period.	Amount received for days work.	Total net wages rec'd in period.	Net wages rec'd in one year (est).	Average wages received for each day worked.	Average daily net income.
346.	Painter (boy)	23	135	129	$129	$129	$292	$1 00	80
347.	"	26	153	150	141	141	282	94	77
348.	"	4	24	24	16	16	208	66	57
349	"	5	30	30	20	20	208	66	57
	Totals	58	.....	333	306	306	.....	326	$2 71
350	Tinner	3	17	23	40	40	692	1 75	1 90
351.	"	23	137	155	271	271	614	1 75	1 68
352	"	23	137	155	270	270	612	1 74	1 68
353.	"	7	41	46	80	80	594	1 75	1 63
354.	"	26	153	164	292	292	583	1 77	1 60
355	"	26	153	162	284	284	567	1 75	1 55
356	"	23	137	142	249	249	563	1 75	1 54
357.	"	20	117	123	215	215	559	1 75	1 54
358.	"	26	153	158	274	274	548	1 75	1 50
359	"	8	47	28	46	46	302	1 75	83
	Totals	185	.....	1156	2021	2021	.....	17 51	15 45
360.	Blacksmith (foreman)	26	153	161	523	523	1045	3 25	2 87
361.	" "	26	154	154	455	455	915	2 95	2 50
362	"	26	153	156	400	400	801	2 56	2 20
363.	"	26	153	156	391	391	782	2 50	2 15
	Totals	104	....	627	1769	1769	.....	11 26	9 72
364	Helper	19	111	115	192	192	526	1 67	1 44
365	"	19	111	113	183	183	500	1 61	1 37
366.	"	17	101	107	160	160	490	1 50	1 34
367	"	26	153	151	242	242	484	1 59	1 32
368	"	26	153	156	233	233	466	1 49	1 28
369	"	26	153	142	101	101	201	70	55
	Totals	133	.....	784	1111	1111	.....	8 56	7 30
370	Horse-shoer	26	153	157	510	510	1020	3 25	2 80
371	Wagon-maker	26	153	168	419	419	838	2 50	2 30
372.	"	4	24	25	62	62	812	2 50	2 23
373	"	10	58	53	146	146	759	2 75	2 08
374	"	26	153	167	377	377	754	2 75	2 07
	Totals	66	.....	413	1004	1004	.....	10 50	8 68
375	Wagon trimmer	26	153	153	219	219	439	1 43	1 20
376.	Engineer (foreman)	26	154	154	877	877	1755	5 70	4 82
377.	"	26	154	154	630	630	1260	4 09	3 46
378.	"	26	154	154	507	507	1015	3 31	2 78
	Totals	52	.....	308	1137	1137	.....	7 40	6 24
379	Fireman	26	154	154	437	437	875	2 84	2 40
380.	"	29	154	154	402	402	805	2 61	2 21
381	"	26	154	154	395	395	790	2 58	2 17
382.	"	26	154	154	393	393	786	2 55	2 16
383.	"	26	154	154	393	393	786	2 55	2 15
384	"	26	154	154	387	387	774	2 51	2 12
385.	"	22	131	131	324	324	765	2 47	2 10
386	"	26	154	154	381	381	762	2 47	2 09
387	"	26	154	154	372	372	745	2 41	2 04
388.	"	6	35	47	82	82	710	1 75	1 95
		236	.....	1410	3566	3566	.....	24 74	21 39
389.	Greaser (foreman)	26	154	154	975	975	1950	6 33	5 35
390.	"	26	154	154	325	325	650	2 12	1 78
391.	"	26	154	154	320	320	640	2 08	1 75
	Totals	52	.....	308	645	645	.....	4 20	3 58

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
392.	Brick-layer	23	137	137	$438	$438	$991	$3 20	$2 [illegible]
393.	"	23	137	138	368	368	833	2 66	2 [illegible]
394	"	3	17	15	46	46	801	3 00	2 [illegible]
395.	"	5	29	23	69	69	721	3 00	1 [illegible]
396.	"	3	17	12	37	37	650	3 00	1 [illegible]
397.	"	6	35	22	68	68	590	3 00	1 [illegible]
	Totals	63	.....	347	1026	1026	.....	16 32	13 06
398.	Cooper	26	154	154	455	455	910	2 94	2 [illegible]
399.	"	10	60	60	139	139	696	2 22	1 [illegible]
400.	"	26	154	154	320	320	640	2 07	1 [illegible]
	Totals	62	...	368	914	914	.....	7 24	6 16
401.	Saddler	26	154	154	521	521	1042	3 38	2 [illegible]
402	"	26	154	154	390	390	780	2 53	2 [illegible]
	Totals	52	.....	308	911	911	.....	5 91	5 00
403.	Stableman	14	82	82	199	199	741	2 43	2 [illegible]
404.	"	26	154	154	325	325	650	2 11	1 [illegible]
	Totals	40	.....	236	524	524	.....	4 54	3 [illegible]
405.	Millwright	26	154	.....	487	487	975	3 16	2 [illegible]
406.	Clerk	26	154	.....	480	480	960	3 11	2 [illegible]
407.	Machinist	26	154	.....	470	470	940	3 05	2 [illegible]
408	Electrician	26	154	.....	455	455	910	2 95	2 [illegible]
409	Miller	26	154	.....	445	445	890	2 88	2 [illegible]
410	Time-keeper	26	154	.....	422	422	845	2 74	2 [illegible]
411.	Porter	26	154	.....	385	385	770	2 50	2 [illegible]
412.	E. paver	25	148	.....	353	353	735	2 38	2 [illegible]
413.	Laborer	26	154	154	300	300	600	2 00	1 [illegible]
414.	"	26	154	154	299	299	599	2 00	1 [illegible]
415.	"	26	154	199	298	298	596	1 50	1 [illegible]
416.	"	26	154	198	298	298	595	1 50	1 [illegible]
417.	"	26	154	196	294	294	589	1 50	1 [illegible]
418.	"	23	137	125	258	258	582	2 04	1 [illegible]
419.	"	6	35	45	72	72	620	1 60	1 [illegible]
420	"	26	154	188	282	282	565	1 50	1 [illegible]
421.	"	26	154	187	281	281	562	1 50	1 [illegible]
422.	"	26	153	181	282	282	564	1 55	1 [illegible]
423.	"	23	137	154	242	242	547	1 57	1 [illegible]
424.	"	26	153	179	268	268	537	1 50	1 [illegible]
425.	"	26	153	180	270	270	540	1 50	1 [illegible]
426.	"	22	129	150	226	226	534	1 50	1 [illegible]
427.	"	7	40	47	70	70	524	1 50	1 [illegible]
428.	"	16	94	109	164	164	532	1 50	1 [illegible]
429	"	23	137	148	335	335	530	1 53	1 [illegible]
430	"	9	54	61	91	91	528	1 50	1 [illegible]
431.	"	26	154	177	265	265	530	1 50	1 [illegible]
432	"	11	66	74	110	110	522	1 50	1 [illegible]
433.	"	26	154	174	261	261	522	1 50	1 [illegible]
434.	"	26	153	173	259	259	518	1 50	1 [illegible]
435	"	26	153	172	258	258	516	1 50	1 [illegible]
436	"	19	112	124	186	186	508	1 50	1 [illegible]
437	"	26	153	168	252	252	504	1 50	1 [illegible]
438.	"	22	131	142	213	213	504	1 50	1 [illegible]
439.	"	26	153	153	250	250	500	1 66	1 [illegible]
440.	"	22	129	141	212	212	500	1 50	1 [illegible]
441	"	23	137	144	221	221	499	1 53	1 [illegible]
442	"	4	24	25	38	38	497	1 50	1 [illegible]
443.	"	8	17	19	29	29	497	1 50	1 [illegible]
444.	"	26	153	165	248	248	496	1 50	1 [illegible]
445	"	5	30	32	47	47	492	1 50	1 [illegible]
446.	"	5	30	32	48	48	504	1 50	1 [illegible]
447.	"	12	72	75	113	113	490	1 50	1 [illegible]
448.	"	9	53	53	83	83	316	1 55	1 [illegible]
449	"	17	102	106	159	159	485	1 50	1 [illegible]
450.	"	22	131	136	204	204	493	1 50	1 [illegible]
451.	"	26	153	160	240	240	490	1 50	1 [illegible]
452	"	6	35	37	56	56	484	1 50	1 [illegible]
453.	"	26	153	160	240	240	480	1 50	1 [illegible]

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
454.	Laborer	26	153	161	$242	$242	$484	$1 50	$1 32
455.	"	2	11	12	19	19	484	1 50	1 31
456.	"	26	153	159	238	238	477	1 50	1 30
457.	"	26	153	158	237	237	474	1 50	1 30
458.	"	26	153	158	237	237	475	1 50	1 30
459.	"	23	137	132	210	210	474	1 58	1 30
460.	"	23	137	129	210	210	474	1 61	1 30
461.	"	22	131	134	201	201	475	1 50	1 30
462.	"	23	137	140	210	210	475	1 50	1 30
463.	"	8	47	48	73	73	473	1 50	1 29
464.	"	2	12	12	18	18	472	1 50	1 29
465.	"	6	36	36	54	54	468	1 50	1 28
466.	"	13	78	78	117	117	468	1 50	1 28
467.	"	3	17	18	27	27	468	1 50	1 28
468.	"	23	137	138	207	207	469	1 50	1 28
469.	"	22	131	131	196	196	462	1 50	1 27
470.	"	23	137	137	205	205	464	1 50	1 27
471.	"	23	137	137	206	206	465	1 50	1 27
472.	"	23	135	161	205	205	463	1 27	1 27
473.	"	14	84	82	124	124	459	1 59	1 26
474.	"	23	137	136	204	204	460	1 50	1 26
475.	"	6	35	35	53	53	461	1 50	1 26
476.	"	21	123	124	186	186	460	1 50	1 26
477.	"	20	120	118	176	176	459	1 50	1 26
478.	"	22	131	128	192	192	455	1 50	1 25
479.	"	4	24	23	35	35	452	1 50	1 24
480.	"	5	29	29	44	44	454	1 50	1 24
481.	"	26	153	151	227	227	453	1 50	1 24
482.	"	12	71	69	103	103	447	1 50	1 23
483.	"	20	117	115	173	173	449	1 58	1 23
484.	"	5	29	29	43	43	448	1 50	1 23
485.	"	3	17	17	26	26	447	1 50	1 23
486.	"	22	131	127	190	190	450	1 50	1 23
487.	"	16	94	92	138	138	448	1 50	1 23
488.	"	14	84	81	120	120	445	1 50	1 22
489.	"	23	137	131	197	197	445	1 50	1 22
490.	"	23	137	132	198	198	447	1 50	1 22
491.	"	7	41	40	60	60	443	1 50	1 22
492.	"	26	153	149	223	223	446	1 50	1 22
493.	"	20	120	113	169	169	440	1 50	1 21
494.	"	3	18	17	25	25	442	1 50	1 21
495.	"	9	53	51	76	76	441	1 50	1 21
496.	"	7	41	40	60	60	442	1 50	1 21
497.	"	5	29	28	42	42	441	1 50	1 21
498.	"	8	47	45	68	68	441	1 50	1 21
499.	"	7	42	39	59	59	438	1 50	1 20
500.	"	23	137	129	194	194	438	1 50	1 20
501.	"	23	137	128	192	192	435	1 50	1 19
502.	"	10	59	56	83	83	434	1 50	1 19
503.	"	23	137	128	192	192	433	1 50	1 19
504.	"	23	137	127	190	190	430	1 50	1 18
505.	"	4	23	22	33	33	431	1 50	1 18
506.	"	4	24	22	33	33	427	1 50	1 17
507.	"	8	48	44	66	66	428	1 50	1 17
508.	"	9	53	49	74	74	426	1 50	1 17
509.	"	13	77	71	107	107	428	1 50	1 17
510.	"	19	113	103	155	155	424	1 50	1 16
511.	"	11	65	54	90	90	424	1 65	1 16
512.	"	26	153	141	211	211	423	1 50	1 16
513.	"	23	137	123	185	185	419	1 50	1 15
514.	"	12	69	71	107	107	465	1 50	1 15
515.	"	9	54	48	73	73	420	1 50	1 15
516.	"	18	105	97	145	145	419	1 50	1 15
517.	"	23	137	130	284	284	643	1 50	1 14
518.	"	6	36	32	48	48	417	1 50	1 14
519.	"	25	153	133	199	199	415	1 50	1 14
520.	"	9	53	47	71	71	408	1 50	1 12
521.	"	11	75	58	87	87	410	1 50	1 12
522.	"	5	30	26	39	39	410	1 50	1 12
523.	"	22	131	116	173	173	410	1 50	1 12
524.	"	23	137	128	192	192	436	1 50	1 12
525.	"	12	72	63	94	94	459	1 50	1 12
526.	"	26	153	136	205	205	459	1 50	1 12
527.	"	18	87	68	102	102	407	1 50	1 11
528.	"	19	113	106	158	158	433	1 50	1 11

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TABLE OF WORK AND WAGES—Continued.

No. of employe..	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily wages
529	Laborer	6	36	31	$47	$47	$404	$1 50	$1 11
530	"	7	42	36	54	54	401	1 50	1 10
531	"	12	71	62	93	93	401	1 50	1 10
532	"	15	90	77	115	115	400	1 50	1 10
533	"	9	53	46	69	69	399	1 50	1 10
534	"	5	29	26	38	38	399	1 50	1 10
535	"	13	77	66	98	98	393	1 50	1 08
536	"	11	66	55	82	82	390	1 50	1 07
537	"	9	53	45	68	68	392	1 50	1 07
538	"	3	17	15	22	22	390	1 50	1 07
539	"	20	119	98	148	148	384	1 50	1 05
540	"	6	36	29	44	44	380	1 50	1 04
541	"	25	147	144	180	180	373	1 25	1 02
542	"	5	29	24	36	36	370	1 50	1 01
543	"	6	36	28	42	42	365	1 50	1 00
544	"	11	66	52	78	78	367	1 50	1 00
545	"	26	153	122	183	183	367	1 50	1 00
546	"	5	30	23	34	34	357	1 50	97
547	"	7	42	31	47	47	346	1 50	95
548	"	26	153	115	172	172	345	1 50	94
549	"	26	153	117	159	159	317	1 35	87
550	"	20	119	79	119	119	310	1 50	85
551	"	8	48	30	38	38	247	1 25	68
552	"	14	83	35	53	53	196	1 50	53
	Totals	2164	.....	13419	20446	20446	.....	211 53	176 08
553	Driver	26	154	154	585	585	1170	3 79	3 21
554	"	26	154	.....	580	580	1160	3 76	3 18
555	"	26	154	154	487	487	975	3 16	2 67
556	"	26	154	154	487	487	975	3 16	2 67
557	"	26	154	154	485	485	970	3 15	2 66
558	"	26	154	154	482	482	965	3 13	2 65
559	"	26	154	.....	477	477	955	3 10	2 62
560	"	24	142	.....	420	420	910	2 95	2 50
561	"	26	154	.....	430	430	860	2 79	2 36
562	"	26	154	.....	426	426	852	2 76	2 34
563	"	26	154	154	422	422	845	2 74	2 32
564	"	26	154	.....	406	406	812	2 62	2 23
565	"	26	154	154	375	375	750	2 43	2 06
566	"	26	154	154	375	375	750	2 43	2 06
567	"	26	154	.....	354	354	707	2 29	1 94
568	"	26	154	.....	353	353	706	2 29	1 93
569	"	26	154	.....	350	350	700	2 27	1 92
570	"	26	154	.....	349	349	698	2 26	1 91
571	"	24	143	.....	320	320	693	2 23	1 90
572	"	26	154	.....	345	345	690	2 24	1 89
573	"	26	154	.....	342	342	685	2 22	1 88
574	"	26	154	.....	337	337	675	2 19	1 85
575	"	8	48	48	100	100	650	2 09	1 78
576	"	26	154	154	325	325	650	2 11	1 78
577	"	26	154	154	325	325	650	2 11	1 78
578	"	26	154	154	325	325	650	2 11	1 78
579	"	26	154	154	325	325	650	2 11	1 78
580	"	26	154	154	325	325	650	2 11	1 78
581	"	26	154	154	325	325	650	2 11	1 78
582	"	26	154	.....	324	324	648	2 10	1 78
583	"	26	154	.....	323	323	647	2 09	1 77
584	"	26	154	.....	323	323	647	2 09	1 77
585	"	26	154	.....	322	322	643	2 08	1 76
586	"	26	154	.....	320	320	640	2 08	1 75
587	"	26	154	.....	320	320	640	2 08	1 75
588	"	16	94	.....	197	197	639	2 09	1 74
589	"	26	154	154	318	318	635	2 06	1 74
590	"	24	142	142	298	298	635	2 06	1 74
591	"	26	154	154	316	316	632	2 05	1 73
592	"	26	154	154	315	315	630	2 04	1 73
593	"	16	95	95	184	184	599	1 93	1 63
594	"	26	154	154	296	296	592	1 93	1 63
595	"	26	154	154	244	244	487	1 58	1 34
	Totals	1074	.....	3211	15332	15332	.....	102 85	87 10

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
596.	Maltster	26	154	154	$715	$715	$1430	$4 64	$3 92
597	"	24	143	143	533	533	1154	3 72	3 17
598.	"	26	154	154	455	455	910	2 95	2 50
599	"	26	154	154	455	455	910	2 95	2 50
600	"	18	106	106	292	292	845	2 76	2 48
601.	"	26	154	154	436	436	872	2 83	2 39
602	"	18	106	106	292	292	845	2 76	2 32
603.	"	14	84	84	227	227	842	2 69	2 31
604.	"	10	60	60	159	159	828	2 65	2 27
605	"	26	154	154	412	412	825	2 67	2 26
606.	"	26	154	154	410	410	819	2 66	2 25
607.	"	26	154	154	410	410	819	2 66	2 25
608.	"	26	154	154	410	410	820	2 66	2 25
609	"	26	154	154	410	410	820	2 66	2 24
610	"	24	142	142	378	378	818	2 66	2 24
611.	"	26	154	154	408	408	817	2 65	2 24
612.	"	26	154	154	409	409	818	2 65	2 24
613	"	26	154	154	408	408	816	2 64	2 24
614.	"	26	154	154	405	405	810	2 62	2 22
615	"	26	154	154	392	392	783	2 54	2 15
616.	"	26	154	154	387	387	774	2 51	2 12
617.	"	18	106	106	268	268	745	2 52	2 12
618.	"	16	94	94	222	222	721	2 36	1 98
619.	"	26	154	154	360	360	720	2 33	1 97
620.	"	12	72	72	165	165	715	2 29	1 96
621.	"	26	154	154	348	348	696	2 25	1 91
622	"	26	154	154	335	335	669	2 17	1 83
623.	"	26	154	154	324	324	647	2 10	1 77
	Totals	648	.....	3839	10425	10425	.....	75 55	64 10
624	Maltster (boy)	12	72	72	69	69	299	95	82
625	"	20	120	120	100	100	260	83	71
	Totals	32	192	192	169	169	.....	1 78	1 53
626.	Brewer (general foreman)	14	82	82	875	875	3250	10 67	8 93
627	" (assistant general foreman)	26	154	154	1087	1087	2175	7 05	5 97
628	" (foreman)	26	154	154	682	682	1365	4 43	3 75
	Totals	66	.....	390	2644	2644	6790	22 15	18 65
629	Brewer	26	154	154	576	576	1152	3 73	3 16
630	"	26	154	154	500	500	1000	3 24	2 74
631.	"	26	154	154	487	487	975	3 16	2 67
632.	"	26	154	154	435	435	870	2 88	2 39
633.	"	26	154	154	432	432	865	2 80	2 37
634	"	26	154	154	425	425	850	2 76	2 33
635	"	18	106	106	292	292	845	2 76	2 32
636	"	26	154	154	422	422	845	2 74	2 32
637.	"	26	154	154	422	422	845	2 74	2 32
638.	"	26	154	154	422	422	845	2 74	2 32
639	"	26	154	154	420	420	841	2 73	2 31
640	"	26	154	154	420	420	841	2 72	2 30
641.	"	26	154	154	416	416	833	2 70	2 28
642	"	26	154	154	414	414	827	2 68	2 27
643	"	26	154	154	413	413	826	2 68	2 26
644	"	26	154	154	412	412	825	2 67	2 26
645	"	26	154	154	410	410	819	2 59	2 25
646.	"	20	118	118	314	314	817	2 66	2 24
647.	"	26	154	154	405	405	810	2 62	2 22
648	"	26	154	154	405	405	810	2 62	2 22
649	"	26	154	154	405	405	810	2 62	2 22
650.	"	24	143	143	371	371	804	2 60	2 21
651	"	26	154	154	400	400	801	2 60	2 20
652.	"	26	154	154	400	400	800	2 59	2 19
653	"	26	154	154	396	396	792	2 56	2 17
654	"	26	154	154	395	395	790	2 56	2 17
655.	"	26	154	154	393	393	787	2 55	2 16
656	"	26	154	154	390	390	780	2 53	2 14
657.	"	26	154	154	390	390	780	2 53	2 14
658.	"	26	154	154	390	390	780	2 53	2 14
659	"	26	154	154	390	390	780	2 53	2 14
660.	"	26	154	154	390	390	780	2 53	2 14
661.	"	26	154	154	390	390	780	2 53	2 14

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est).	Average wages received for each day worked	Average daily net income
662	Brewer	26	154	154	$390	$390	780	$2 53	$1 14
663	"	26	154	154	390	390	780	2 53	2 14
664	"	26	154	154	388	388	776	2 52	2 13
665.	"	18	108	.....	267	267	772	2 50	2 13
666.	"	26	154	.....	386	386	772	2 50	2 12
667.	"	8	48	.....	119	119	774	2 48	2 12
668.	"	26	154	.....	385	385	770	2 50	2 11
669.	"	26	154	.....	384	384	769	2 49	2 11
670.	"	24	142	.....	349	349	756	2 45	2 08
671.	"	26	154	.....	380	380	760	2 46	2 08
672.	"	26	154	.....	378	378	756	2 45	2 07
673.	"	26	154	154	377	377	754	2 44	2 07
674.	"	26	154	.....	376	376	752	2 44	2 06
675.	"	26	154	.....	376	376	752	2 44	2 06
676.	"	26	154	.....	376	376	752	2 44	2 06
677.	"	26	154	.....	376	376	752	2 44	2 06
678.	"	26	154	.....	376	376	752	2 44	2 06
679.	"	26	154	.....	373	373	747	2 42	2 05
680.	"	26	154	.....	365	365	731	2 37	2 00
681.	"	16	94	.....	222	222	721	2 36	1 96
682	"	12	72	.....	167	167	722	2 31	1 96
683.	"	12	72	72	165	165	715	2 29	1 96
684.	"	12	72	72	165	165	715	2 29	1 96
685.	"	26	154	154	357	357	715	2 32	1 96
686.	"	26	154	.....	355	355	711	2 30	1 95
687	"	12	70	.....	163	163	706	2 32	1 94
688.	"	26	154	.....	349	349	697	2 26	1 91
689	"	12	72	.....	160	160	693	2 22	1 90
690.	"	26	154	.....	345	345	689	2 23	1 89
691.	"	26	154	.....	344	344	685	2 22	1 88
692	"	26	154	.....	343	343	687	2 23	1 88
693	"	26	154	.....	336	336	672	2 18	1 84
694	"	26	154	.....	332	332	663	2 15	1 82
695.	"	20	118	.....	252	252	655	2 13	1 80
696	"	26	154	.....	328	328	655	2 12	1 79
597	"	26	154	.....	327	327	654	2 12	1 79
698.	"	26	154	.....	323	323	647	2 09	1 78
699.	"	16	94	.....	198	198	645	2 11	1 77
	Totals	1708	.....	5901	25,584	25,584	.....	178 37	150 59
700.	Brewer (boy)	26	154	154	291	291	582	1 88	1 59
701	"	26	154	154	290	290	579	1 88	1 59
702.	"	14	84	84	157	157	595	1 87	1 59
703	"	12	70	70	133	133	576	1 90	1 58
704.	"	16	94	94	176	176	572	1 87	1 57
705.	"	6	35	35	66	66	570	1 88	1 56
706	"	10	58	58	109	109	561	1 86	1 54
707.	"	26	154	154	260	260	520	1 68	1 53
708.	"	20	120	120	213	213	554	1 77	1 52
709	"	10	60	60	106	106	554	1 77	1 52
710.	"	26	154	154	253	253	505	1 64	1 38
711.	"	26	154	154	219	219	439	1 42	1 21
712.	"	26	154	154	220	220	432	1 40	1 18
713.	"	26	154	154	210	210	420	1 36	1 15
714.	"	10	58	58	77	77	401	1 33	1 10
	Totals	280	.....	1657	2780	2780	.....	25 51	21 61
715.	Bottling department (foreman)	26	154	.....	712	712	1425	4 62	3 91
716	" "	14	84	79	215	215	800	2 70	2 29
717.	" "	14	84	80	214	214	796	2 67	2 28
718.	" "	14	84	79	214	214	795	2 68	2 28
719.	" "	14	84	94	211	211	785	2 25	2 25
720.	" "	14	84	79	210	210	780	2 68	2 24
721	" "	14	84	86	215	215	800	2 50	2 19
722	" "	13	78	80	200	200	800	2 50	2 19
723.	" "	14	84	86	215	215	800	2 50	2 19
724.	" "	14	84	79	209	209	776	2 65	2 13
725	" "	14	84	77	209	209	775	2 71	2 13
726	" "	14	84	77	206	206	767	2 84	2 10
727.	" "	14	84	79	206	206	765	2 62	2 10
728	" "	14	84	82	206	206	766	2 50	2 10
729.	" "	14	84	74	198	198	736	2 67	2 02

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks.	No working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est.)	Average wages received for each day worked	Average daily net income
730.	Bottling department	14	84	89	$177	$177	$659	$2 00	$1 81
731.	" "	14	84	85	170	170	631	2 00	1 73
732.	" "	14	84	84	168	168	626	2 00	1 72
733.	" "	14	84	84	168	168	626	2 00	1 72
734.	" "	5	30	29	59	59	614	2 00	1 68
735.	" "	14	84	82	165	165	613	2 00	1 68
736.	" "	14	84	83	165	165	615	2 00	1 68
737.	" "	12	72	69	138	138	600	2 00	1 64
738.	" "	14	84	80	159	159	592	2 00	1 62
739.	" "	14	84	84	154	154	571	1 82	1 56
740.	" "	14	84	84	154	154	571	1 82	1 54
741.	" "	14	84	84	148	148	548	1 75	1 50
742.	" "	11	66	66	116	116	548	1 75	1 50
743.	" "	14	84	83	145	145	537	1 75	1 47
744.	" "	14	84	82	144	144	534	1 75	1 46
745.	" "	14	84	84	126	126	470	1 50	1 39
746.	" "	14	84	85	136	136	505	1 60	1 38
747.	" "	14	84	77	136	136	504	1 75	1 38
748.	" "	14	84	83	133	133	495	1 60	1 36
749.	" "	14	84	84	134	134	498	1 60	1 36
750.	" "	14	84	83	133	133	495	1 60	1 35
751.	" "	14	84	83	132	132	491	1 60	1 35
752.	" "	14	84	83	133	133	495	1 60	1 35
753.	" "	14	84	82	132	132	489	1 60	1 34
754.	" "	13	78	65	121	121	486	1 86	1 33
755.	" "	14	84	83	131	131	487	1 57	1 33
756.	" "	14	84	86	129	129	481	1 50	1 32
757.	" "	14	84	79	129	129	477	1 50	1 31
758.	" "	11	66	68	101	101	478	1 60	1 31
759.	" "	14	84	85	128	128	474	1 50	1 30
760.	" "	14	84	79	127	127	471	1 60	1 29
761.	" "	14	84	84	126	126	470	1 50	1 29
762.	" "	14	84	72	116	116	429	1 60	1 28
763.	" "	14	84	84	117	117	431	1 38	1 28
764.	" "	14	84	88	124	124	461	1 50	1 26
765.	" "	14	84	78	124	124	461	1 58	1 26
766.	" "	14	84	83	124	124	461	1 50	1 26
767.	" "	6	36	35	53	53	462	1 50	1 26
768.	" "	13	78	77	115	115	461	1 50	1 26
769.	" "	14	84	81	122	122	451	1 50	1 24
770.	" "	12	72	72	104	104	450	1 44	1 23
771.	" "	14	84	84	110	110	410	1 31	1 22
772.	" "	13	78	63	112	112	446	1 77	1 22
773.	" "	6	36	40	50	50	431	1 25	1 18
774.	" "	14	84	77	116	116	432	1 50	1 18
775.	" "	9	54	49	74	74	427	1 50	1 17
776.	" "	14	84	72	115	115	427	1 60	1 17
777.	" "	13	78	78	107	107	429	1 41	1 17
778.	" "	14	84	85	114	114	425	1 35	1 16
779.	" "	5	30	32	41	41	423	1 25	1 16
780.	" "	14	84	84	114	114	422	1 35	1 16
781.	" "	8	18	19	24	24	422	1 25	1 15
782.	" "	12	72	59	97	421	421	1 64	1 15
783.	" "	14	84	77	112	112	417	1 46	1 14
784.	" "	10	60	56	80	80	417	1 43	1 14
785.	" "	7	42	44	55	55	409	1 25	1 12
786.	" "	14	84	72	108	108	400	1 50	1 09
787.	" "	14	84	72	105	105	389	1 46	1 07
788.	" "	12	72	72	90	90	390	1 25	1 07
789.	" "	4	24	24	30	30	390	1 25	1 07
790.	" "	14	84	84	105	105	389	1 25	1 06
791.	" "	14	84	83	103	103	380	1 25	1 05
792.	" "	6	36	35	44	44	381	1 25	1 05
793.	" "	8	48	39	58	58	378	1 50	1 04
794.	" "	7	42	40	51	51	376	1 25	1 03
795.	" "	14	84	80	100	100	372	1 25	1 02
796.	" "	14	84	78	100	100	372	1 28	1 02
797.	" "	13	78	61	92	92	369	1 51	1 01
798.	" "	10	60	47	71	71	369	1 50	1 01
799.	" "	14	84	77	96	96	358	1 25	98
800.	" "	8	48	43	54	54	353	1 25	97
801.	" "	14	84	76	95	95	353	1 25	96
802.	" "	14	84	74	93	93	344	1 25	94
803.	" "	10	60	43	63	63	329	1 47	90
804.	" "	6	36	29	37	37	320	1 25	88
	Totals	1188	.....	6378	11872	11872	.....	156 35	129 49

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks.	No. working days in period.	No. days of day work in period.	Amount received for days' work.	Total net wages rec'd in period.	Net wages rec'd in one year (est).	Average wages received for each day worked.	Average daily [illegible]
805.	Bottling department (boys)	5	30	31	$31	$31	$322	$1 00	[illegible]
806.	" " "	5	30	30	30	30	317	1 00	[illegible]
807.	" " "	5	30	30	30	30	317	1 00	[illegible]
808.	" " "	11	66	66	66	66	313	1 00	[illegible]
809.	" " "	14	84	84	84	84	313	1 00	[illegible]
810.	" " "	14	84	84	84	84	313	1 00	[illegible]
811.	" " "	14	84	85	85	85	315	1 00	[illegible]
812.	" " "	14	84	84	84	84	313	1 00	[illegible]
813.	" " "	13	78	78	78	78	312	1 00	[illegible]
814	" " "	13	78	61	78	78	312	1 28	[illegible]
815.	" " "	14	84	84	84	84	313	1 00	[illegible]
816.	" " "	14	84	83	83	83	307	1 00	[illegible]
817.	" " "	14	84	83	83	83	307	1 00	[illegible]
818.	" " "	14	84	78	79	79	292	1 06	[illegible]
819.	" " "	14	84	84	70	70	261	83	[illegible]
820.	" " "	9	54	44	44	44	257	1 00	[illegible]
821	" " "	14	84	82	68	68	254	83	[illegible]
822.	" " "	14	84	66	66	66	247	1 00	[illegible]
823	" " "	7	42	30	30	30	223	1 00	[illegible]
824.	" " "	14	84	84	56	56	209	67	[illegible]
825.	" " "	14	84	84	56	56	209	67	[illegible]
826.	" " "	4	24	24	16	16	208	67	[illegible]
827.	" " "	13	78	78	52	52	208	67	[illegible]
828.	" " "	5	30	30	20	20	211	67	[illegible]
829.	" " "	14	84	84	56	56	209	67	[illegible]
830.	" " "	13	78	78	51	51	204	67	[illegible]
831.	" " "	14	84	83	56	56	206	67	[illegible]
832.	" " "	14	84	83	56	56	206	67	[illegible]
833.	" " "	14	84	81	54	54	202	67	[illegible]
834.	" " "	5	30	31	19	19	197	60	[illegible]
835.	" " "	7	42	41	27	27	201	67	[illegible]
836.	" " "	14	84	79	53	53	196	67	[illegible]
837.	" " "	6	36	38	23	23	196	60	[illegible]
838.	" " "	14	84	86	52	52	193	60	[illegible]
839	" " "	14	84	86	52	52	193	60	[illegible]
840.	" " "	14	84	86	52	52	193	60	[illegible]
841.	" " "	14	84	85	51	51	190	60	[illegible]
842.	" " "	13	78	79	48	48	190	60	[illegible]
843	" " "	14	84	85	51	51	190	60	[illegible]
844.	" " "	14	84	86	52	52	193	60	[illegible]
845.	" " "	14	84	85	51	51	190	60	[illegible]
846	" " "	14	84	86	52	52	192	60	[illegible]
847.	" " "	14	84	85	51	51	185	60	[illegible]
848.	" " "	14	84	85	51	51	190	60	[illegible]
849.	" " "	7	42	41	26	26	191	63	[illegible]
850.	" " "	14	84	84	50	50	187	60	[illegible]
851.	" " "	14	84	83	50	50	182	60	[illegible]
852.	" " "	14	84	72	48	48	180	67	[illegible]
853.	" " "	8	48	40	27	27	175	66	[illegible]
854	" " "	5	30	32	16	16	168	50	[illegible]
855.	" " "	5	30	31	16	16	164	50	[illegible]
856.	" " "	5	30	31	16	16	164	50	[illegible]
857	" " "	6	36	38	19	19	164	50	[illegible]
858	" " "	14	84	86	43	43	161	50	[illegible]
859.	" " "	14	84	86	43	43	161	50	[illegible]
860.	" " "	4	24	25	12	12	162	50	[illegible]
861.	" " "	4	24	25	13	13	163	50	[illegible]
862	" " "	14	84	83	42	42	155	50	[illegible]
863.	" " "	14	84	81	41	41	151	50	[illegible]
864.	" " "	14	84	84	42	42	157	50	[illegible]
865	" " "	2	12	14	6	6	156	42	[illegible]
866	" " "	14	84	86	43	43	160	50	[illegible]
867.	" " "	14	84	85	43	43	159	50	[illegible]
868.	" " "	12	72	72	36	36	134	50	[illegible]
869	" " "	14	84	83	42	42	154	50	[illegible]
870	" " "	9	54	54	27	27	155	50	[illegible]
871.	" " "	13	78	76	38	38	153	50	[illegible]
872.	" " "	11	66	65	32	32	153	50	[illegible]
873.	" " "	14	84	84	42	42	156	50	[illegible]
874.	" " "	11	66	65	33	33	154	50	[illegible]
875	" " "	11	66	63	32	32	150	50	[illegible]
876	" " "	14	84	81	41	41	152	50	[illegible]
877.	" " "	13	78	75	38	38	151	50	[illegible]
878.	" " "	14	84	82	41	41	152	50	[illegible]
879.	" " "	3	18	20	860	860	147	43	[illegible]

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TABLE OF WORK AND WAGES—Continued.

No. of employe.	Occupation.	Period considered—weeks	No. working days in period	No. days of day work in period	Amount received for days' work	Total net wages rec'd in period	Net wages rec'd in one year (est)	Average wages received for each day worked	Average daily net income
780.	Bottling department (boys)	12	72	69	$34	$34	$149	50	41
781.	" " "	10	60	54	29	29	151	53	41
782.	" " "	14	84	82	41	41	152	50	41
783.	" " "	14	84	80	40	40	150	50	41
784.	" " "	14	84	80	40	40	149	50	41
785.	" " "	14	84	81	40	40	150	50	41
786.	" " "	14	84	79	40	40	115	50	40
787.	" " "	9	54	51	26	26	146	50	40
788.	" " "	8	48	45	23	23	147	50	40
789.	" " "	8	48	45	23	23	147	50	40
790.	" " "	13	78	73	37	37	147	50	40
791.	" " "	12	72	65	33	33	142	50	39
792.	" " "	13	78	72	36	36	144	50	39
793.	" " "	4	24	26	11	11	144	42	39
794.	" " "	4	24	26	1	1	143	42	39
795.	" " "	12	72	70	33	33	143	47	39
796.	" " "	8	48	44	22	22	145	50	39
797.	" " "	13	78	72	36	36	145	50	39
798.	" " "	13	77	60	35	35	306	59	38
799.	" " "	5	30	32	13	13	140	42	38
800.	" " "	14	84	70	38	38	140	54	38
801.	" " "	5	30	32	13	13	138	42	38
802.	" " "	5	30	32	13	13	140	42	38
803.	" " "	14	84	75	38	38	140	50	38
804.	" " "	9	54	55	24	24	141	44	38
805.	" " "	14	84	83	37	37	136	44	37
806.	" " "	4	24	25	10	10	134	42	37
807.	" " "	4	24	25	10	10	135	42	37
808.	" " "	14	84	85	35	35	131	42	36
809.	" " "	5	30	30	13	13	132	42	36
810.	" " "	14	84	86	36	36	134	42	36
811.	" " "	9	54	55	23	23	132	42	36
812.	" " "	14	84	86	36	36	134	42	36
813.	" " "	14	84	86	36	36	134	42	36
814.	" " "	4	24	24	10	10	133	42	36
815.	" " "	4	24	24	10	10	134	42	36
816.	" " "	4	24	24	10	10	131	42	36
817.	" " "	14	84	86	36	36	133	42	36
818.	" " "	14	84	86	36	36	134	42	36
819.	" " "	9	54	54	23	23	131	42	36
820.	" " "	7	42	41	17	17	128	42	35
821.	" " "	5	30	30	12	12	129	42	35
822.	" " "	12	72	72	30	30	129	42	35
823.	" " "	8	48	47	20	20	128	42	35
824.	" " "	4	24	23	10	10	123	42	35
825.	" " "	14	84	82	34	34	128	42	35
826.	" " "	7	42	41	17	17	124	42	35
827.	" " "	14	84	84	35	35	130	42	35
828.	" " "	11	66	66	27	27	129	42	35
829.	" " "	4	24	23	10	10	125	42	34
830.	" " "	6	36	34	14	14	124	42	34
831.	" " "	10	60	53	24	24	125	45	34
832.	" " "	10	60	58	24	24	125	42	34
833.	" " "	14	84	80	34	34	125	42	34
834.	" " "	13	78	74	31	31	124	42	34
835.	" " "	11	66	63	26	26	124	42	34
836.	" " "	7	42	40	17	17	124	42	34
837.	" " "	14	84	81	34	34	126	42	34
838.	" " "	12	72	69	29	29	124	42	34
839.	" " "	14	84	84	35	35	131	42	35
840.	" " "	14	84	80	34	34	125	42	34
841.	" " "	14	84	81	34	34	125	42	34
842.	" " "	12	72	68	28	28	123	42	34
843.	" " "	7	42	41	17	17	126	42	34
844.	" " "	14	84	80	33	33	124	42	34
845.	" " "	14	84	67	34	34	125	50	34
846.	" " "	14	84	80	34	34	125	42	34
847.	" " "	14	84	81	34	34	126	42	34
848.	" " "	14	84	78	33	33	121	42	33
849.	" " "	5	30	28	12	12	123	42	33
850.	" " "	11	66	62	26	26	122	42	33
851.	" " "	14	84	78	32	32	121	42	33
852.	" " "	14	84	79	33	33	123	42	33
853.	" " "	13	78	73	30	30	122	42	33
854.	" " "	13	78	70	29	29	118	42	32

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TABLE OF WORK AND WAGES—Continued.

No. of employe..	Occupation.	Period considered—weeks	No. working days in period....	No. of days of day work in period..	Amount received for days' work..	Total net wages rec'd in period..	Net wages rec'd in one year (est.)	Average wages received for each day worked	Average daily net income .....
955.	Bottling department (boys)	12	72	63	$26	$26	$114	42	21
956.	" " "	7	42	37	16	16	115	42	15
957	" " "	14	84	72	30	30	111	42	42
958.	" " "	4	24	20	8	8	110	42	40
959.	" " "	9	54	46	19	19	111	42	42
960.	" " "	10	60	51	21	21	112	42	42
961.	" " "	6	36	30	13	13	110	42	43
962.	" " "	5	30	24	10	10	104	42	42
	Totals.....	1704	.....	8889	5419	5419	.....	86 49	72 12

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CONVICT LABOR.

The following report was made to the 36th General Assembly, in compliance with a resolution passed by that body February 10th, 1891:

A resolution introduced by the Honorable J. W. Kerwin and adopted by your honorable body, February 10th, 1891, directed the Commissioner of Labor Statistics to inspect the factories within the penitentiary at Jefferson City, and to obtain all the information concerning those factories which the law requires shall be obtained concerning factories throughout the State. Section 8225, Revised Statutes 1889, provides that the Commissioner of Labor Statistics shall obtain the names of factories, where located, the class and value of goods manufactured yearly, the number of weeks in operation, the cost of buildings and grounds, the cost of machinery and repairs, the amount paid yearly for rent, taxes and insurance, the value of raw material used yearly, the total amount of wages paid yearly, etc., etc.

In accordance with the resolution of your honorable body, I, as special agent, proceeded on the 11th of February to make an inspection and obtain the desired information concerning the factories in the State penitentiary.

The officials of the penitentiary were most obliging and courteous, and afforded all the information in their power. The tables hereto attached will be found accurate and complete as far as it was in the Warden's power to supply the facts; this report, however, is necessarily incomplete, owing to the fact that six of the seven contractors and factory operators employing convict labor, each and all courteously but firmly declined to give the information called for in your resolution and by section 8225, Revised Statutes 1889. The names of the contractors declining to give this information are:

The Jefferson City Shoe Co.
The Giesecke Boot and Shoe Co.
The J. S. Sullivan Saddle-tree Co.
The Standard Shoe Co.
A. Priesmeyer.
J. Strauss Saddlery Co.

I respectfully suggest that the Commissioner of Labor be either relieved from the duty of collecting the statistics called for in section 8225, or that he be given sufficient power and authority to compel manufacturers and others to give such data. I further suggest, if section 8225 is not repealed, and it continues to be the duty of the Commissioner of Labor to obtain statistics as to value and quantity of goods manufactured yearly in the State of Missouri, that manufacturers and others be required to accompany their statistical returns with an affidavit that the infor-

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mation given is accurate and correct. I was satisfied during the last investigation of this Bureau that some of the returns made by manufacturers contained willful misstatements; in some cases the value of goods manufactured was grossly exaggerated, in others the amount paid for wages was manifestly misrepresented. The law, however, does not require these returns to be made under oath; hence the only reply, when these discrepancies and manifestly incorrect statements were pointed out, was:

"We have answered the questions and have nothing more to say."

A report showing the State's industrial progress from year to year would be both interesting and valuable, but in my judgment the Labor Commissioner should not be given the duty of preparing such a report unless at the same time he is given authority to obtain returns under oath, to the end that the statistics obtained may be accurate and devoid of exaggerations and misstatements. For the reasons stated, the present report is incomplete, owing to the refusal of the contractors to furnish certified statements containing the information called for in the resolution of your honorable body.

I proceed now to present such facts as we were able to obtain through the courtesy of the Warden and his assistants.

AMOUNTS PAID BY CONTRACTORS TO STATE AND THE RETURN MADE BY STATE TO CONTRACTORS FOR SUCH AMOUNTS.

Among the items showing the return made by the State to the contractors will be found $11,932.98, marked "six per cent on the appraised value of factories." The State furnishes contractors with buildings for which no rent is charged, but in estimating the return made by the State for money received from the contractors, it has seemed to me that an account should be taken of these buildings, and I have estimated six per cent on the appraised value of the buildings as a fair and reasonable return. By adding this item of rent, and also the item of $15,125 for guarding the convicts—two expenses which the State incurs on behalf of the contractors, two expenses which it would not otherwise incur, for neither the buildings nor extra guards would be needed without the contractors—the total value of the return made by the State to the contractors is $203,039.05, or $27,057.98 in excess of the amount paid by the contractors to the State. These figures hold only in case it is assumed that the convict's labor is worth the contract price, and that the contract price is actually paid to the State for the labor and labor alone. As a matter of fact, this is not the case. The contractor nominally pays, say 50 cents for the labor of one convict for one day. In reality the contractor receives from the State the labor, not only of a convict, but the labor of guards and also the use of a building. In order, therefore, to ascertain the actual amount paid the State for convict labor, apart from the use of the buildings and guards, we must allow for the cost of the guards and rent of the shops, the two expenses incurred on account of the contractors which would not otherwise be incurred. The total amount received for convicts from all contractors during 1890 was $169,946.19; the cost to the State for shops and guarding convicts in shops was $27,057.98, leaving the total net amount received from convicts $142,888.21, or 40 4/7 cents per day per capita. The following is a table showing number of convicts employed by each individual contractor and the gross and net amount paid the State therefor:

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	No. days factory was in operation during year 1890	No. of convicts employed in year	Average No. convicts employed per day	Gross amount received by State for convict labor	Cost to State for guards and shops	Net amount received by State for convict labor	Gross amount paid to State per capita for convicts for each day	Net am't paid to State per day per capita for convicts	Am't paid to State per convict for guards and shops
Giesecke B. & S. Co.	311	94,203	$302\frac{48}{311}$	$45,144 30	$6,452 00	$38,692 30	$.47\frac{7}{8}$	$.41\frac{3}{8}$	$.06\frac{5}{24}$
A. Priesmeyer	311	45,129	$145\frac{34}{311}$	22,564 50	4,857 00	17,707 50	.50	$.39\frac{1}{4}$	$.10\frac{3}{4}$
Sullivan Sad. T. Co.	311	68,653	$220\frac{23}{311}$	34,326 50	4,958 82	29,367 68	.50	$.42\frac{5}{8}$	$.07\frac{1}{8}$
J. Strauss Sadl'y Co.	311	59,122	$190\frac{32}{311}$	28,538 25	4,268 40	24,269 85	$.48\frac{1}{4}$	$.41\frac{3}{8}$	$.06\frac{7}{12}$
Jefferson Shoe Co ..	311	42,195	$135\frac{2}{3}$	20,620 92	3,003 90	17,617 02	$.48\frac{5}{8}$	$.41\frac{3}{4}$	$.07\frac{1}{12}$
Standard Shoe Co ..	311	27,358	$87\frac{106}{311}$	13,678 50	2,343 90	11,334 60	.50	$.41\frac{3}{8}$	$.08\frac{1}{8}$
C. R. Lewis.....	311	11,937	$38\frac{119}{311}$	5,073 22	1,173 96	3,899 22	$.42\frac{1}{2}$	$.32\frac{7}{11}$	$.09\frac{19}{22}$
Totals.....	311	348,597	$160\frac{1}{2}$	169,946 19	27,057 68	142,888 51	$.48\frac{3}{7}$	$.40\frac{3}{7}$	.08

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The following table shows the amounts paid to the State by each individual contractor, the items for which such amounts were paid, and the return made to the contractor by the State. In each of these statements, the actual value of the convict labor is assumed to be the amount which the contractors agreed to pay. This necessarily shows a balance to the credit of the State equal to the amount paid for guards and rent of shops. This amount may be deducted from the sum received from the contractors for convict labor, in which case the contract price per capita per day will be decreased from 48 $\frac{2}{7}$ cents to 40 $\frac{2}{7}$ cents:

TOTAL FOR THE SEVEN CONTRACTORS.

Amount paid by to the State in 1890.

For convicts	$169,946 19
For steam power	4,870 00
Outside warehouse	1,364 88
Total	$176,181 07
Return made by the State to the seven contractors.	
273,092½ convicts at 50 cents per day	$136,546 25
69,135½ convicts at 45 cents per day	31,110 97
5,968 convicts at 35 cents per day	2,088 97
Six per cent on appraised value of factories	11,932 98
Guards	15,125 00
Outside warehouse	1,364 80
Steam power	4,870 00
Total	203,039 05
Amount spent by State for which it is not reimbursed	26,857 98

A. PRIESMEYER.

Amount paid by to the State in 1890.

For convicts	$22,564 50
For steam power	735 00
Total	23,299 50
Return made by State to A. Priesmeyer.	
45,129 convicts at 50 cents per day	22,564 50
Six per cent on appraised value of factory	3,042 00
Two guards at $55 per month for three months	330 00
Three guards at $55 per month for nine months	1,485 00
Steam power	735 00
Total	28,156 50
Amount spent by State for which it is not reimbursed	4,857 00

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C. R. LEWIS.

Amount paid by to the State in 1890.

For convicts	$5,073 22
For steam power	150 00
Outside warehouse	210 00
Total	5,433 22
Return made by State to C. R. Lewis for above.	
5,968½ convicts at 50 cents per day	2,984 25
5,968½ convicts at 35 cents per day	2,088 97
One guard at $55 per month	660 00
Steam power	150 00
Warehouse	210 00
Rent of factory (approximate)	513 96
Total	6,607 18
Amount spent by State for which it is not reimbursed	1,173 96

J. STRAUSS SADDLERY CO.

Amount paid by to the State in 1890.

For convicts	$28,538 25
For steam power	810 00
For outside warehouse	309 91
Total	29,658 6
Return made by State to J. Strauss Saddlery Co. for the above.	
38,657½ convicts at 50 cents per day	19,329 00
20,465 convicts at 45 cents per day	9,209 25
Five guards at $55 per month	3,300 00
Six per cent on appraised value of factory	968 40
Steam power	810 00
Outside warehouse	309 96
Total	33,926 61
Amount spent by State for which it is not reimbursed	4,268 40

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THE STANDARD SHOE COMPANY.

Amount paid by to the State in 1890.

For convicts	$13,678 50
For steam power	425 00
Total	14,103 50
Return made by State to the Standard Shoe Co. for the above.	
27,357 convicts at 50 cents per day	13,678 50
Six per cent on appraised value of factory	1,023 90
Two guards at $55 per month	1,320 00
Steam power	425 00
Total	$16,447 40
Amount spent by State for which it is not reimbursed	2,343 90

THE J. S. SULLIVAN SADDLE-TREE CO.

Amount paid by to the State in 1890.

For convicts	$34,326 50
For steam power	1,500 00
Outside warehouse	309 96
Total	36,136 46
Return made by State to the J. S. Sullivan Saddle-tree Co for the above	
68,653 convicts at 50 cents per day	34,326 50
Six per cent on appraised value of factory	2,318 82
Four guards at $55 per month	2,640 00
Outside warehouse	309 96
Steam power	1,500 00
Total	41,095 28
Amount spent by State for which it is not reimbursed	4,958 82

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THE JEFFERSON SHOE CO.

Amount paid by to the State in 1890.

For convicts	$2,620 92
For steam power	600 00
For outside warehouse	210 00
Total	21,430 92
Return made by State to the Jefferson Shoe Co. for the above.	
32,268½ convicts at 50 cents per day	16,334 00
9,526½ convicts at 45 cents per day	4,286 92
Six per cent on appraised value of factory	1,023 90
Three guards at $55 per month each	1,980 00
Steam power	600 00
Outside warehouse	210 00
Total	24,434 82
Amount spent by State for which it is not reimbursed	3,003 90

THE GIESECKE BOOT AND SHOE CO.

Amount paid by to the State in 1890.

For convicts	$45,144 30
For steam power	650 00
Outside warehouse	324 96
Total	46,119 26
Return madd by State to Giesecke Boot & Shoe Co. for the above.	
55,059 convicts at 50 cents per day	27,529 50
39,144 convicts at 45 cents per day	17,614 80
Six per cent on appraised value of factory No. 5	1,500 00
Six per cent on appraised value of factory No. 2	1,542 00
Five guards at $55 per month, 11 months	3,025 00
Seven guards at $55 per month, 1 month	385 00
Steam power	650 00
Outside warehouse	324 96
Total	52,571 26
Amount spent by State for which it is not reimbursed	6,452 00

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The claim has been made that one reason why convict labor is not worth more than is paid at present, is because the convicts are inexperienced and do not remain long enough to become skilled. The result of an inquiry into the length of time each convict had been at work in his present employment on the 11th of February, 1891, may throw some light on this subject. The investigation showed that out of 1,112 convicts at work in the penitentiary factories on that day, 337, or 30 per cent, had been working upward of two years; 704, or 63 per cent, had been working one year and upward; 893, or 80 per cent, had been working upward of six months 999, or 89 per cent, had been working more than three months. Only 113, or a fraction under 10 per cent, had been working less than three months.

The contractors, on the other hand, claim that notwithstanding the fact that many of their convict employes have been engaged at the work during a considerable period, the inefficiency of those who have not yet learned the work holds back those who have learned it. The skilled shoemaker may get through his task at one o'clock, and then will remain idle the rest of the day because his unskilled companion has not finished his task, and the skilled workman cannot go on until he is supplied with work by the others. The following table shows the number of men who were idle in the Jefferson City Shoe company's shops at various hours during the week ending July 31, 1890. From this table it will be seen that out of one hundred convicts, 3.17 finished their tasks at one o'clock and were idle the rest of the day; six out of the hundred were through at 1:30 p. m.; 59.17 were idle after four o'clock. The table will show the exact number of men idle at each hour. It is believed the showing for this week is a fair average during the year, and will serve to throw some light upon the question as to how far the length of time some convicts remain with the contractors is counterbalanced by the inefficiency of the new-comers.

THE JEFFERSON SHOE COMPANY.

MEN IDLE.

Time of day idle.	July, 1890.						Average idle daily on scale of 100.....	Average idle daily on scale of 138.....	No. of men who worked.
	25	26	28	29	30	31			
1 p. m.....	5	3	2	4	3	2	3.17	4.37	.....
1:30 p. m.....	.....	6	6	5	6	13	6.00	8.28	.....
2 p. m.....	1	10	3	8	5	11	6.33	8.74	.....
2:30 p. m.....	12	9	13	10	8	14	13.00	17.94	.....
3 p. m.....	7	13	16	14	15	33	16.33	22.54	.....
3:30 p. m.....	17	70	24	30	37	39	36.17	49.91	.....
4 p. m.....	40	100	40	45	39	53	59.17	81.65	.....
4:30 p. m.....	79	100	65	70	75	90	86.17	118.91	.....
5 p. m.....	100	100	100	100	100	100	100.00	138.00	.....
5:15 p. m.....	100	100	100	100	100	100	100.00	138.00	.....

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Following is a statement showing number of guards furnished by the State to each contractor, for which the State receives no pay from the contractor:

J. S. Sullivan Saddle-tree Co., 4 men at $55 per month	$2,640
J. S. Strauss Saddlery Co., 5 men at $55 per month	3,300
Giesecke Boot and Shoe Co., 5 men at $55 per month (11 months)	3,025
Giesecke Boot and Shoe Co., 7 men at $55 (1 month)	385
Jefferson Shoe Co, 3 men at $55 (11 months)	1,980
Standard Shoe Co., 2 men at $55 (11 months)	1,320
A. Priesmeyer, 2 men at $55 (3 months)	330
A. Priesmeyer, 3 men at $55 (9 months)	1,485
Chas. B. Lewis, clothing, 1 man at $55 (9 months)	660
Total	15,125

The cost to State per day for each convict is, for:

Food	10.01
Fuel	04.03
Clothing	02.37
Ordinary repairs	01.02
Salaries of officers and employes	11.75
Discharged convicts, water, ice, etc	04.60
Total	33.78

The only contractor attempting to give the information desired and called for was the Chas. R. Lewis Clothing Manufacturing company. They reported as follows:

Wages paid free laborers in shop during 1890, about	$5,000
Taxes and insurance, about	650
Raw materials, about	35,000
Salaries, including amount paid State for convicts	12,500
Other expenses	9,400
Total cost of producing goods	62,550
Selling value of goods manufactured, about	60,000
Loss to company during 1890	2,550

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Table showing amount paid for convicts in different States where goods manufactured are same as in Missouri Penitentiary.

State.	Kind of goods manufactured.	No. prisoners			Price paid for each prisoner per day.		
		Under contract	Able-bodied...	Lighter grade.	Able-bodies...	Lighter grade	Average.....
Connecticut.....	Boots and shoes.....	200	170	30	50	25	46.25
Illinois.....	"	499	489	10	56.25	70.5	62.4
"	"	225	225	....	51	....	51
Indiana	"	127	127	...	55	....	55
"	"	175	125	50	52.6	31	48.9
Kansas	"	30	30	....	84.4	....	84.4
Michigan	"	135	42	93	50	50	50
Missouri	"	503	503	....	45.50	....	47.5
New York.....	"	155	155	....	27	....	27
Ohio.	"	50	50	....	80	....	80
Wisconsin.....	"	340	340	....	50	50	50
	Clothing and wearing apparel—						
Missouri	Clothing.....	40	40	....	35.50	....	42.5
New York	Cellars.....	60	60	....	63	...	63
Indiana	Hosiery and woolen goods...	184	184	....	47	....	47
Illinois.....	Knitting and tailoring.....	61	61	....	55.2	....	55.2
New York	Knitting socks.....	535	535	....	8,20.25	....	17.7
	Leather goods—						
Illinois.....	Harness and collars.....	127	114	13	61,65.65	46	61.7
Missouri.....	" saddlery	173	173	....	40.45	....	42.5
Ohio	" "	30	30	....	80	....	80
West Virginia ...	Whips and brooms.....	121	98	23	52	39	49.5
	Wooden goods—						
Ohio.....	Carriage bodies and shafts...	105	105	....	76	....	76
Illinois	Cooperage.....	204	193	11	50.65	46	58.9
Indiana.....	"	169	169	....	63	....	63
Michigan	"	33	16	17	60	60	60
Ohio.....	"	45	30	15	75	58	69.33
Indiana	Saddle-trees	20	20	....	48	....	48
Missouri	"	153	153	...	40.45	....	42.5
Minnesota	Wood-workers.....	138	15	123	45	45	45

The general condition of the factories as regards light, ventilation and roominess, etc., is excellent, and compares favorably with the best factories in the State

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APPENDIX.

Since this report was given to the printers, the coal operators whose names are mentioned on page 9 have begun paying their employes every fifteen days, as the law requires.

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